

DOCUMENT RESUME

ED 324 001

IR 053 267

AUTHOR Boyce, Bert R.; Boyce, Judith I.
TITLE The Bookmobile, A Service Mechanism for the Nineties?
Final Report.
SPONS AGENCY Council on Library Resources, Inc., Washington,
D.C.
PUB DATE 90
CONTRACT CLR-4048-A
NOTE 60p.
PUB TYPE Reference Materials - Bibliographies (131) -- Reports
- Research/Technical (143)

EDRS PRICE MF01/PC03 Plus Postage.
DESCRIPTORS Administrator Guides; *Bookmobiles; Library
Automation; Library Collections; Library
Expenditures; *Library Extension; Library Personnel;
Library Services; Library Surveys; *Outreach
Programs; Publicity; *Public Libraries; *Users
(Information)

ABSTRACT

Representing the culmination of a project undertaken at the Louisiana State University School of Library and Information Science, this two-part report evaluates the feasibility of using bookmobiles as a resource expansion mechanism for public libraries in the future, and provides an overview of current bookmobile services. The report, which is based on the results of a telephone survey and a literature review, begins by presenting three bibliographies of bookmobile literature from the United States as well as from international sources. Comprising two-thirds of the document, the bibliographies cover monographs (87 references), reports (53 references), and journals (329 references from 89 unique journals), and are arranged alphabetically by author. The survey, which makes up the second part of the report, approached a population of 448 libraries known to have provided bookmobile service in 1987. Of the 446 that responded, 440 still provided such service at the time of data collection. It was found that there were between 1,130 and 1,200 bookmobiles in the United States in 1988, and that more than one-third of the major public library systems provided bookmobile service, with approximately 6% of their total circulation coming from bookmobiles. It is predicted that in the coming decade, collections will include more video and audio material and will emphasize material for children and the elderly. (SD)

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The Bookmobile, A Service Mechanism for the Nineties?

By

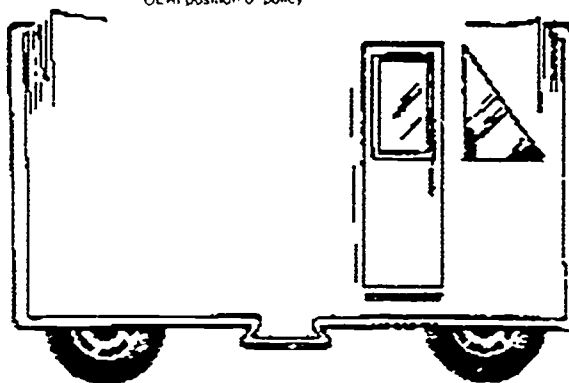
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This work was partially supported by grant # CLR 4048-A from
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FROM THE COUNCIL ON LIBRARY RESOURCES.**

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Produced at the Research Center Annex
School of Library and Information Science
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Forward

This report represents the culmination of a project undertaken at the Louisiana State University School of Library and Information Science, under the sponsorship of the Council on Library Resources. The focus of the project was an attempt to evaluate the bookmobile as a resource expansion mechanism for public libraries in the last decade of the twentieth century, and to provide a picture of current bookmobile service as it exists at the close of the ninth decade of that century.

The report is based upon the results of an extensive telephone survey and a review of the literature. A by-product is the inclusion of three bibliographies of bookmobile literature. These cover the report literature, the journal literature, and the monograph literature, and are arranged alphabetically by author's name or by title where no author could be determined. The editing and verification of the entries reflects only the most basic effort but it is hoped that sufficient information is available to be of some assistance to librarians, students and others interested in this outreach mechanism.

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MONOGRAPH BIBLIOGRAPHY

- American Library Association. Country and Regional Libraries Section. Book Automobiles. Chicago: American Library Association, 1937.
- Baltzell, Maudie M. Evaluation of Bookmobile Service of the Timberland Library Demonstration. [n.p.]: Washington State Library, [n.d.].
- Beckerman, E. Paul. Initiating Bookmobile Service for Systems of Libraries. Albany: New York State Library, 1960.
- Bookmobile: Eight-Week Report. Mannheim: Amerika-Haus, 1953.
- Bookmobile Roundup. Melbourne, Victoria: Library Council of Victoria. Public Libraries Division, 1977.
- Brown, Eleanor Frances. Bookmobiles and Bookmobile Service. Metuchen, New Jersey: Scarecrow Press, 1967.
- Bullock, Edna Dean. Management of Traveling Libraries. Boston: American Library Association Publishing Board, 1907.
- Burchenal, Mary Holland. The Story of a Book Wagon. Wilmington: [n.p.], 1916.
- California Federation of Women's Clubs. Traveling Libraries and Portfolios. San Francisco: California Federation of Women's Clubs, 1904.
- Campbell, Colin. Mobile Library Route Planning. Truro, Cornwall, England: Library Association. Branch and Mobile Libraries Group, 1982.
- Campbell, Sandra and Ed Klee. Statistical Report of Bookmobile Service, Fiscal Year 1987. [n.p.]: Kentucky Department for Libraries and Archives. Field Services Division, [n.d.].
- Countryman, Gratia Alta. Travelling Libraries as a First Step in Developing Libraries. Boston: American Library Association Publishing Board, 1905.
- Deason, Hilary J., compiler. The Traveling Highschool Science Library. Washington: American Association for the Advancement of Science and the National Science Foundation, [n.d.].
- Delaware. State Library Commission. Traveling Library [lists]. Dover: Delaware State Library Commission, [n.d.].

- Delaware. State Library Commission. Traveling Libraries: Rules and Regulations. Dover: Delaware State Library Commission, 1902.
- Dewey, Melvil and Myrtilla Avery. Traveling Libraries: Field and Future of Traveling Libraries. Albany: University of the State of New York, 1901.
- Drury, James Westbrook. The Kansas Traveling Library Commission: An Administrative History. Lawrence: Governmental Research Center, University of Kansas, 1965.
- Eastwood, Charles Ronald. Mobile Libraries and Other Public Library Trans rt. London: Association of Assistant Librarians, 1967.
- Enerson, Laura. Our Library Lives in a Bus. Grayland, Washington: Cover Publishing Co., 1977.
- Fair, Ethel Marion. Countrywide Library Service. Chicago: American Library Association, 1934.
- Georgia. Library Association. Public Libraries Section and Georgia Division of Instructional Material and Library Sciences. Musts for Georgia Bookmobiles. Atlanta: Georgia Library Association, 1957.
- Gringhuis, Richard H. Here Comes the Bookmobile. Chicago: A. Whitman, 1952.
- Heide, Florence Parry and Roxanne Heide. Mystery of the Bewitched Bookmobile. Chicago: A. Whitman, 1975.
- Hibbeler, R.C. Design and Construction of Mobile Libraries. [n.p.]: Library Association. Branch and Mobile Libraries Group, March 1984.
- Hu, Teh-wei, Bernard H. Booms and Lynne Warfield Kaltreider. A Benefit-Cost Analysis of Alternative Library Delivery Systems. Westport, Connecticut: Greenwood Press, 1975.
- Humble, Marion. Rural America Reads: A Study of Rural Library Service. New York: American Association for Adult Education, 1938.
- Hutchins, Frank Avery. Traveling Libraries. Boston: Houghton, Mifflin and Company, 1900.
- Hutchins, Frank Avery. Traveling Libraries in Wisconsin. Madison: Wisconsin Free Library Commission, 1896.
- Idaho. Free Library Commission. Single Loan Shelf. Idaho Free Traveling Library. Boise, Idaho: Idaho Free Library Commission, 1915.
- Idaho. State Library Board. Report of the Idaho State Traveling Library. Boise: Idaho State Library Board, [n.d.].

- Indiana. Public Library Commission. Graded Lists of Books for School in the Traveling Libraries. Indianapolis: W.B. Bradford, 1905.
- Indiana. Public Library Commission. List of Books for Study Clubs in the Traveling Libraries, 1908. Indianapolis: W.B. Bradford, 1907.
- Joeckel, Carleton Bruns. Library Extension, Problems and Solutions. Chicago: University of Chicago Press, 1946.
- Joeckel, Carleton Bruns. Reaching Readers: Techniques of Extending Library Services. Berkeley: University of California Press, 1949.
- Johnson, Enid. Nancy Runs the Bookmobile. New York: Messner, 1956.
- Jones, John W. Bookmobile Service in North Carolina: A Profile. Raleigh: North Carolina Department of Cultural Resources, 1979.
- Kansas State Federation of Clubs. A Short History of the Traveling Library Work in Kansas as Given in Three Reports to the Kansas State Federation of Clubs. Topeka: Kansas State Federation of Clubs, 1900.
- Kentucky. Library Commission. Traveling Libraries in Kentucky. Frankfort, Kentucky: Kentucky Library Commission: 1911.
- Kirkland, Ann E. Santa Cruz City-County Library Extension Development: A Study. Sacramento: California State Library, 1969.
- Lester, Clarence Brown. Library Extension: A Study of Public Library Conditions and Needs. Chicago: American Library Association, 1926.
- Levinson, Nancy Smiler. Clara and the Bookwagon. New York: Harper and Row, 1988.
- Library Association. Branch and Mobile Libraries Group. Container and Transportable Libraries: Experiments in Cornwall, Derbyshire, and Bradford. Sudbury, Suffolk, England: Library Association. Branch and Mobile Libraries Group, 1978.
- Library Association. Design and Construction of Mobile Libraries, Study Conference, 1967: Transactions. [n.p.]: Library Association, March 1968.
- Library Council of Victoria. Working Party on Mobile Libraries and Mobile Library Services. Minimum Standards for Mobile Libraries in Victoria. Melbourne: Library Council of Victoria, 1980.
- MacDonald, Charles W. Report on a Survey of Mobile Library Service: October 1964. Ottawa: Canadian Library Association, 1965.

- Maine. Library Commission. Traveling Libraries: Forms, Blanks and Record Book for Use of Traveling Libraries. [n.p.]: Maine Library Commission, [n.d.].
- McColvin, Lionel Roy. Library Extension Work and Publicity. London: Grafton and Company, 1927.
- McColvin, Lionel Roy. Public Library Extension. Paris: United Nations Educational, Scientific and Cultural Organization, 1949.
- McMurray, Nigel. Publicizing and Promoting a Mobile Library Service. [n.p.]: Library Association. Branch and Mobile Libraries Group, May 1987.
- Michigan. State Library. Traveling Library Catechism. Lansing: Michigan State Library, [n.d.].
- Missouri. Library Commission. Traveling Libraries: What They Are and How to Secure Them. Jefferson City, Missouri: Missouri Library Commission, 1908.
- Missouri. State Library. Regional Demonstration Bookmobile Service Manual. Jefferson City: Missouri State Library, 1959.
- Moseley, George Carrington and Joseph Dupuy Eggleston. Travelling Libraries. Richmond, Virginia: The Evans Press, Incorporated, 1913.
- New Jersey. State Library. Report of the State Librarian of New Jersey Concerning Traveling Libraries. Trenton: New Jersey State Library, 1900.
- New York (State) Library Extension Division. Books in the New York State Traveling Library on Vocational and Industrial Arts 1927. Albany: The University of the State of New York Press, 1927.
- North Carolina. State Library. Manual of Suggestions and Procedures for North Carolina Bookmobile Service. Raleigh: North Carolina State Library, 1965.
- Northwestern Traveling Library, St. Paul, Minnesota. [List of Books and] Rules of the Northwestern Traveling Library. St. Paul: Northwestern Traveling Library, St. Paul, Minnesota, 1898.
- Nyalusi, G.P.J. School Mobile Library in Tanzania: A Report. Dar es Salaam, Tanzania: Dar es Salaam National Central Library, 1978.
- Oregon. State Library. Free Traveling Libraries. Salem, Oregon: Oregon State Library, 1907.
- Orton, Ian. An Illustrated History of Mobile Library Services in the United Kingdom (with Notes on Travelling Libraries and Early Public Library Transport). Sudbury, England: Library Association. Branch and Mobile Libraries Group, 1980.

- Page, Grover. The Brave Bookmobile. Indianapolis: E.C. Seale, 1966.
- Page, Grover. The Haunted Bookmobile. Louisville: Three Pages, 1971.
- Pennell, Lois G. The Bookmobile: A New Look. Chicago: American Library Association, 1969.
- Perks, Jackie, Gordon Mustoe and Sandy Milligan. Mobile Libraries, Training, Conditions and Development: Three Papers Presented at a Mobile meet at Stafford on 14th September 1974. Bristol: The Group, 1975.
- Public Library Association. Committee on Standards. Subcommittee on Standards of Quality for Bookmobile Service. Standards of Quality Bookmobile Service. Chicago: American Library Association, 1963.
- Pybus, Ronald L. Mobile Libraries in England and Wales: A Guide to Their Construction and Use. Truro, Cornwall, England: Library Association. Branch and Mobile Libraries Group, 1983.
- Rhode Island. Office of Commissioner of Education. Traveling Libraries Relating to Agriculture and Country Life. [n.p.]: Rhode Island Office of Commissioner of Education, 1910.
- Riley, Ruth. Traveling Libraries. Gainesville, Florida: The University, 1923.
- Roberts, Don and Deirdre Boyle. Mediamobiles: Views from the Road. Chicago: American Library Association, 1979.
- Robertson, Susan, editor. Bookmobile Roundup!: Proceedings of the Three Day Residential Seminar. [n.p.]: Library Council of Victoria. Public Libraries Division, May 1976.
- Sarkola, Sirkka. Handbook for Mobile Libraries. Helsinki: Suomen Kirjastoseura, 1975.
- Schevenhels, Leo. De Bookmobile en Wat er Mee Samenhangt. Antwerpen: De Sikkell, 1948.
- Stanford, Edward Barrett. Library Extension under the WPA. Chicago, Illinois: The University of Chicago Press, 1944.
- Stearns, Lutie Eugenia. Traveling Libraries in Wisconsin, with Directory of Stations. Madison, Wisconsin: 1910.
- Stephens, Joan and Gordon Mustoe. Reorganization: The Mobile Contribution. London: Library Association. Branch and Mobile Libraries Group, 1973.
- Stone, Harry Harlan. Some Problems of Rural Life: Consolidation of Schools.

- Transportation of Scholars: Good Roads: Traveling Libraries. Oxford, Georgia: 1908.
- Tucker, Harold Walton and Rezia Gaunt. Gary Public Library Traveling Branches. Gary, Indiana: Gary Public Library, 1946.
- Vainstein, Rose. Public Library Service in the Greater Victoria Area: A Study of Branch and Bookmobile Needs. Vancouver, British Columbia: [n.p.], 1962.
- Virginia. State Library. Extension Division. Traveling Libraries. Richmond, Virginia: Division of Purchase and Printing, 1945.
- Wand, Robert. Mobile Library Service. Leicester: Leicester County Library, February 1970.
- Washington (State) State Traveling Library. [Service Given by the Washington State Traveling Library]. [n.p.]: Washington (State) State Traveling Library, 1922.
- Willcox, E.S. The Traveling Library: Address of Mr. E.S. Willcox before the Peoria Scientific Association. Peoria: [n.p.], 1899.
- Wisconsin. Free Library Commission. Free Books for Your Community: How to Secure a Traveling Library. Madison, Wisconsin: Wisconsin Free Library Commission, 1918.
- Wisconsin. Free Library Commission. Free Traveling Libraries in Wisconsin. Madison: Democrat Printing Company, 1897.
- Wisconsin. Free Library Commission. How to Secure a Traveling Library. Madison, Wisconsin: Wisconsin Free Library Commission: 1905.
- Wisconsin. Free Library Commission. Statistics of Free Traveling Libraries in the United States, 1897-98. Madison, Wisconsin: Wisconsin Free Library Commission, 1898.
- Wisconsin. Free Library Commission. Traveling Library Department. Do You Use the Traveling Library? Madison, Wisconsin: Wisconsin Free Library Commission, 1939.

The Bookmobile, a Service Mechanism for the Nineties?

REPORT BIBLIOGRAPHY

- Anderson, William and D.S. Zharkov. Library Services to Hospital Patients and Handicapped Readers Libraries and the Deaf -The Hidden Society and Social Achievements of the RSFSR in Providing the Blind with Books. The Hague: International Federation of Library Associations, August 1981. ED221154.
- Antell, Lee. Identification of Information Needs of the American Indian Community That Can Be Met by Library Services. Minneapolis, Minnesota: National Indian Education Association, 30 June 1974. ED105855.
- Ball, Val L. A History of Bookmobile Library Service in the State of Utah. [n.p.], 30 April 1971. ED053757.
- Benson, James and Alex Boyd. A Study of Library Delivery Systems with an Emphasis on Books-by-Mail. Birmingham: Alabama University. November 1980. ED201331.
- Booker, A.W. "Mobile Libraries: The Coachbuilder's Viewpoint," in Mobilemeet '69: Papers Presented at a Meet Held at Ealing on Saturday, 31st May, 1969. [n.p.]: Library Association. Branch and Mobile Libraries Group, September 1969.
- Bookmobile Service Today. Washington, D.C.: Regional Technical Aids Center, Agency for International Development, August 1966. AID/RTAC-65-8.
- Campbell, Colin. Mobile Library Route Planning. London: Library Association. Branch and Mobile Libraries Group, 1982.
- Careers Resource Project Utilizing a Mobile Unit Design (Final Report). Evansville, Indiana: Indiana Vocational Technical College, 30 June 1977. ED167698, 5-767-D.
- de Usabel, Frances and Debra Wilcox Johnson. Library Services to Special Needs Populations in Wisconsin, 1975-1984. Madison: Wisconsin State Department of Public Instruction. Division of Library Services, January 1986. ED266795.
- Eastwood, C.R. Bookmobiles: Past, Present, Future. The Hague: Centrale Vereeniging voor Operbare Bibliotheken, 1969.
- Eastwood, C.R. "Management Aspects of Mobile Libraries," in Mobilmeet '71: Papers Presented at a Joint Meeting of the Branch and Mobile Libraries Group and the County Library Circle, Dumfries, 24th April 1971. Bristol: Library Association. Branch and Mobile Libraries Group, August 1971.

- Eastwood, C.R. and others. Mobile Libraries, Design and Construction: A Survey of Current Practice. London: Library Association. Branch and Mobile Libraries Group, April 1971. ED056706, Occas-Pap-3.
- Espinosa-Almestica, Julio Bookmobiles in the Virgin Islands; A Study of Mobile Library Service in St. Croix, U.S.V.I. Christiansted, Virgin Islands: Saint Croix Library Association, 1972. ED129252.
- Friese, Diane. Evaluation of Public Library Bookmobile Service in Rural Areas in Comparison to a Books-by-Mail Service. [n.p.], 1976. ED125633.
- Jacobsen, Brent N. Rural Bookmobile Service: Efficiency and Effectiveness. [n.p.], 1973. ED096947.
- Jarvella, Shirley M. Who Serves the Migrant? An Inquiry into Migrant Library Services in Selected States Including Studies of Connecticut, New Jersey and New York. [n.p.], 1971. ED103167.
- Jones, J.W. Bookmobile Service in North Carolina: A Profile. Raleigh, North Carolina: Department of Cultural Resources, Division of State Library, 1979.
- Jones, P.E. Mobile Libraries in a London Borough. [n.p.]: Library Association. Branch and Mobile Libraries Group, September 1969.
- Library Association. Branch and Mobile Library Group. Reorganisation: The Mobile Contribution. Bristol: The Group, 1973.
- The Library Bus: A Report on the Bradford Books and Information Library Bus. Bradford: Bradford City Metropolitan Council Libraries Division, 1982.
- Library Programs: Library Services for Indian Tribes and Hawaiian Natives Program. Abstracts of Funded Projects, 1987. LSCA Title IV. Washington, D.C.: Office of Educational Research and Improvement, June 1988. ED297767, LP-88-709.
- Library Programs: Library Services for Indian Tribes and Hawaiian Natives Program. Abstracts of Funded Projects, 1986. Washington, D.C.: Office of Educational Research and Improvement, September 1987. ED288687, LP-87-405.
- Little, Paul. Bookmobiles and Paperbacks: An Experimental Study at the Oklahoma County Libraries System with Bookmobiles Using Paperbound Pocket Collections and Eliminating Overdue Fines and Notices. Oklahoma City, Oklahoma: Oklahoma County Libraries, 21 November 1975. ED115267.
- Little, Paul. Bookmobiles and Paperbacks: An Extended Study of the Use of Paperbacks and Elimination of Overdue Fines at the Oklahoma County Libraries System. Oklahoma City, Oklahoma: Oklahoma County Libraries, October 1976. ED129306.

- Markwick, E. A Librarian Plans a Library: Based on a Paper Presented at a Joint Meeting of the South-Western Branch and the Branch and Mobile Libraries Group of the Library Association at Stroud Library, on 14th October 1979. [n.p.]: Library Association. Branch and Mobile Libraries Group, February 1971.
- Martin, Claud E. Mobile Library Filming Device. Redstone Arsenal, Alabama: Scientific Information Center, 19 April 1968. ED026081, RISC-784.
- McRae, Jane Carrol. Evening and Weekend Library Services for Disadvantaged Adults. Public Library Training Institutes Library Service Guide No. 7. [n.p.]: Morehead State University, Kentucky Appalachian Adult Education Center, December 1974. ED108654.
- Milligan, S., G. Mustoe and J. Perks. Mobile Libraries -- Training, Conditions and Development: Three Papers Presented at a Mobilemeet at Stafford on 14th September 1974. Bristol: Library Association. Branch and Mobile Libraries Group, 1975. Occas-Pap-9.
- Minimobile Annual Reports, November 1972 - June 1974. New York: Yonkers Public Library, 1974. ED094798.
- Mobile Ideas, 1980. Des Plaines: Library Administrator's Council of Northern Illinois, 1980. ED203885.
- Mobile Ideas, 1981. Des Plaines: Library Administrator's Council of Northern Illinois. 1981. ED212274.
- Mobile Libraries: An Enquiry into Readers' Use and Satisfaction. Taunton: Somerset County Library, May 1973.
- Mobile Library Services to Navajo and Apache Counties (Final Report). Phoenix: Arizona State Department of Library and Archives, Phoenix Library Extension Service, July 1971. ED054811, FCRC-TA-101-299-049.
- Mobile Library Services to Navajo, Apache and Coconino Counties (Final Report). Phoenix: Arizona State Department of Library and Archives, Phoenix Library Extension Service, July 1972. ED107401, FCRC-TA-112-199-028.
- Mobile Library Services to Navajo, Apache, and Coconino Counties (Final Report). Phoenix: Arizona State Department of Library and Archives, Phoenix Library Extension Service, July 1973. ED107402.
- Mosely, Malcolm J. and John Packman. Mobile Services in Rural Areas. Norwich: East Anglia University, School of Environmental Sciences, 1983.
- Mustoe, G. Mobile Library Expansion in Metropolitan District 15F Solihull. Bristol: Library Association. Branch and Mobile Libraries Group, 1973.

- Newman, Maurelee F. Cooperative Planning to Maximize Adult Basic Education Opportunities through Public Library Extension in Appalachian North Carolina. (Final Report). Boone, North Carolina: Appalachian State University, October 1975. ED125669.
- Nix, Larry T. A Study of the Bookmobile Service of the Madison Public Library. Madison: Wisconsin State Department of Public Instruction. Division of Library Services, April 1981. ED206281.
- Okon, Polycarp Ame. The Need for Mobile Library Services in the Northern States of Nigeria with Particular Reference to Benue State of Nigeria. [n.p.]: Loughborough University of Technology, Department of Library and Information Studies, 1983.
- Pahl, E. Patricia and Thomas L. Pahl. Vigo County Public Library Mediamobile: Evaluation of a Library Services Act Project. Terre Haute, Indiana: Vigo County Public Library, December 1973. ED090941.
- Panton, M.W. Culture in the Croft. Bristol: Library Association. Branch and Mobile Libraries Group, August 1971.
- Paton, M.W. and C.R. Eastwood. Mobilemeet '71. London: Library Association. Branch and Mobile Libraries Group, August 1971. ED056704.
- Pybus, Ronald L. Mobile Libraries in England and Wales: A Guide to Their Construction and Use: Basic Library Guide No. 6. London: Library Association. Branch and Mobile Libraries Group, 1983.
- Rawles, Beverly. Bookmobile Service: Moving the Library to Disadvantaged Adults: Public Library Training Institutes Library Service Guide No. 21. [n.p.]: Morehead State University, Kentucky Appalachian Adult Education Center, March 1975. ED108650.
- Recommendations for the Acquisition and Construction of Bookmobiles. The Hague: Dutch Centre for Public Libraries and Literature, 1981.
- Robertson, Susan, editor. Bookmobile Roundup: Proceedings of the Three Day Residential Seminar. Melbourne, Australia: Public Libraries Division, Library Council of Victoria: 1977.
- Round Table Mobile Libraries Section. Libraries Serving the General Public Division. Papers. The Hague: International Federation of Library Associations, August 1983. ED239641.
- Rural Library Services to Disadvantaged Youth. Frankfort: Kentucky Department of Libraries, 10 July 1966. ED039065.
- Shaffer, Kenneth R. A Time to Reach Out: A Study of Extension Services of the Hartford

Public Library, Hartford, Connecticut. Hartford: Hartford Public Library, 1970. ED048868.

Shaw, E.C. Reaching New Readers in Rural Areas. Lucknow, India: Literacy House, September 1967. ED015358.

Stephens, J.M. "Mobile Library Operation -- The County Viewpoint," in Reorganisation: The Mobile Contribution. Bristol: Library Association. Branch and Mobile Libraries Group, 1973.

Turock, Betty J. Public Library Services for Aging in the Eighties: A 1981 White House Conference on the Aging Background Paper. Washington, D.C.: White House Conference on Aging, September 1981. ED215285.

The Bookmobile, a Service Mechanism for the Nineties?

JOURNAL BIBLIOGRAPHY

- "27 Years and Counting (Bookmobile in Service at the Waukegan Public Library)." American Libraries 20 (April 1989): 283.
- Abel, J. "A Survey of Bookmobile Service in North Carolina." North Carolina Libraries 44 (Winter 1986): 225-229.
- Adelskoeld, E. "Book Boat Service in Sweden." Scandinavian Public Library Quarterly 2 (1969): 211-216.
- Allbut, David. "Electric Drive for Mobile Libraries: A Practical Application." Service Point 16 (September 1978): 24-27.
- Alley, Brian. "A Utility Book Truck Designed for Moving Library Collections." Library Acquisitions: Practice and Theory 3 (1979): 33-37.
- Alloway, Catherine Suyak. "Bookmobiles: Dead or Alive?" RQ 22 (Spring 1983): 247-249.
- Alvestad, Magnar. "Combined Use of a Branch Library as Good as a Bookmobile." Bok og Bibliotek 53 (1986): 381-382.
- Amis, T. "The Extension Librarian in a New Brunswick Library Region." APLA Bulletin 38 (Spring 1974): 11-15.
- Arenas, M.L.F. "The University of Chile's Bookmobile." Unesco Bulletin for Libraries 27 (May/June 1973): 167-170.
- Arnesson, E. "A Day as a Librarian with a Mobile Library." Biblioteksbladet 58 (1973): 333-334.
- "Articles on Bookmobile Services in Japan." Toshokan Gakkai Nempo 24 (November 1972): 168-186.
- "The Banco del Libro Gives Technical Advice on Colombia's Mobile Library Service." Ekare 24 (May 1980): 12-14.
- Barrick, Susan K. "Outreach and Special Services Division: Active Librarianship in Ohio Libraries Reaches Out." Ohio Library Association Bulletin 55 (April 1985): 18-21.
- Batie, M., B. Cars, H. Swedner and E. Ostling. "The Travelling Library Is Fine and That's That." Biblioteksbladet 57 (1972): 225-228.
- Bauermeister, E. "The Berlin Mobile Library Service -- Experiences-Arrangements-

- Perspectives." Bibliothekar 25 (July 1971): 475-479.
- Bell, D.G. "Barnsley's Mobile Library -- One Year in Service." Service Point 5 (January 1974): 13-17.
- Berger, Michael L. "Reading, Roadsters, and Rural America." Journal of Library History 12 (Winter 1977): 42-49.
- Biedermann, Robert. "On Motor Libraries, in Particular Those of the Hamburg Public Libraries." Auskunft 1 (1984): 21-37.
- Blei, Norbert. "Three-Day Run on a Navajo, New Mexican Spirit Trail." American Libraries 6 (February 2, 1975).
- "Bookmobile Claims a First in Online Mobility." American Libraries 16 (September 1985): 534.
- "Bookmobilers Set Goal to Bridge Gap between Haves and Have Nots (Fifth National Bookmobile Conference)." Library Journal 114 (September 1, 1989): 128.
- "Books and Buses: The Librarians' Roadshow." PLG News 15 (Autumn 1983): 11-13.
- Bongartz, Roy. "Books in the Wild (Bookmobile in Northern N.H.)." Publishers Weekly 230 (November 21, 1986): 21-24.
- Bottle, R.T. and P.L. Passey. "Mobile Library Use in a Kent Village: A Case Study." Journal of Librarianship 13 (July 1981): 172-182.
- Bowron, Albert. "As I See It (Decline of the Bookmobile)." Canadian Library Journal 46 (August 1989): 227-228.
- Boyce, Judith I. "On the Road Again: The Character of Bookmobile Service in Louisiana." LLS Bulletin 48 (Fall 1985): 61-66.
- Boyce, Judith I. and Bert Boyce. "Buying a Bookmobile: Some Commonsense Guidelines." Wilson Library Bulletin 62 (February 1988): 51-56.
- Boyd, Alex and James Benson. "By Mail or Mobile Unit? -- Developing Programs for Extending Library Services." Public Libraries 20 (Fall 1981): 67-69.
- Brocks, Ingrid and Christa Liedtke-Gil. "The Travelling Library Service in Fellbach." Buch und Bibliothek 29 (May 1977): 401-407.
- Bronsema, J.S. "The Trailer Vehicle as a Mobile Library." Bibliothek en Samenleving 10 (July/August 1982): 242-244.
- Bruce, Neil M. "Libraries on the Move? Scottish Rural Mobiles." Service Point 24 (April

1982): 4-7.

Buchari, Alison. "Mobile in Sutherland." New Library World 86 (January 1985): 5.

Burrier, Donald H. "A Bookmobile for Elyria." Public Libraries 25 (Winter 1986): 124-125.

Buschendorf, Horst. "1983 Library Congress in Hanover: Position Regarding Mobile Libraries in the Federal Republic of Germany -- Situation as on 1.1.1983." DFW Dokumentation Information 31 (1983): 99-101.

Buschendorf, Horst. "Development, Functions and Organisation of Mobile Libraries in the Federal Republic of Germany." Buch und Bibliothek 36 (April 1984): 276-278, 280-286.

Buschendorf, Horst. "Forty Years of Mobile Library Service in Munich." Bucherei und Bildung 21 (April-May 1969): 106-111.

Buschendorf, Horst. "Mobile Library Work in City Areas." DFW Dokumentation Information 31 (1983): 89-94.

Buschendorf, Horst. "Mobile Libraries in the Federal Republic -- Present Position and Forseeable Development." Bibliotheksdienst 6 (June 1970): 274-281.

Buschendorf, Horst. "Munich: Four and a Half Years of Mobile Works Libraries: A Success." Buch und Bibliothek 24 (May 1972): 595-597.

Buschendorf, Horst. "Standardization of Mobile Libraries." Bibliotheksdienst, Beiheft (Supplement) 76 (April 1972): 91.

Buschendorf, Horst. "The Suspension of the Deutsche Bibliotheksinstitut Commission for Mobile Libraries." Buch und Bibliothek 39 (October 1987): 862-865.

Calaham, Betty E. "South Carolina Libraries: Reaching Out." Catholic Library Work 47 (March 1976): 322-325.

Cameron, Glen. "The Wanneroo Mobile Library." Library Service of Western Australia Newsletter 139 (September/October 1982): 11-12.

Charton, Michael. "Teaching Library Students about Mobile Library Services." Rural Libraries 9 (1989): 7-13.

Chase, B.J. and G. Mustoe. "An Advance in Mobile Library Design." Library Association Record 77 (April 1975): 91.

"Circling the Wagons; Rural Bookmobiles, Vendors, and Aficionados Conclave at a Columbus Workshop." Library Journal 110 (October 15, 1985): 12.

- Claudet, Jean-Yves. "The Bookmobile Does Not Return to the Warehouse." Bulletin des Bibliothèques de France 30 (1985): 254-257.
- Cook, Tony and Chris Allison. "Managing the Mobiles: Mobile Library Services in Notts." Service Point 25 (September 1982): 20-23, 25.
- Cunningham, Christopher. "Primary Education Project (Nepalese Agency Sponsoring Mobile Libraries)." International Library Review 21 (January 1989): 29-35.
- das Gracas Targino, Maria. "An Analysis of the Demand for Reading Material from the Public Mobile Library in the State of Paraíba." Revista de Biblioteconomia de Brasília 12 (January-June 1984): 85-97.
- das Gracas Targino, Maria. "A Policy to Increase Use of the Mobile Library as an Instrument of Cultural Action in the State of Paraíba, Brazil." Revista de Biblioteconomia de Brasília 11 (January-June 1983): 65-75.
- de Andrade Antunes, Walda, Flora Magalda Vieira de Almeida and Joao Antonio Friedrich. "Planning a Wagon Library Service for the SR-6 State Railway Network, Rio Grande Do Sul, Brazil." Revista de Biblioteconomia de Brasília 9 (January-June 1981): 58-60.
- de Carvalho Casa Nova, Vera Lucia and Rosaly Isabel Senra Barbosa. "Analysis of an Experience with Cordel Literature in the UFMG School of Library Science's Mobile Library." Revista da Escola de Biblioteconomia da UFMG 12 (1983): 213-232.
- De Waart-Vasseur, M. "Mobile Library Services from an International Point of View." Bibliotheek en Samenleving 10 (July/August 1982): 245-247.
- De Waart-Vasseur, M. "Mobile Libraries in the Netherlands." Service Point 19 (April 1980): 27-31.
- Decker, Charles J. "The Challenge of Outreach." The Bookmark 43 (Winter 1985): 78-80.
- DeCollogne, R. "Introduction of New Models of Mobile Libraries." Bulletin des Bibliothèques de France 20 (May 1975): 211-213.
- Dempster, John A.H., Emily Cruickshank and Barbara Waddell. "On the Move with Lanark Division." Library Association Record 90 (September 1988): 507-508.
- Dolan, Michael. "Lancashire's New Mobile Libraries." Service Point 21 (January 1981): 21-22.
- Domingo, Iolani. "Bookmobile Dataradio." The Unabashed Librarian 61 (1986): 11.
- Doust, Robin W. "Books on Wheels: The Bulawayo Bookmobile." Zimbabwe Librarian 19 (December 1987): 41-43.

- Doust, Robin W. "Mobile Library for Bulawayo." Zimbabwe Librarian 11 (January-June 1979): 17-21, 23.
- Doust, Robin W. "Mobiles on the Cheap -- An Overseas Experience (Bulawayo Public Library)." Library Association Record 87 (May 1985): 189.
- Doust, Robin W. "Service to Samathonga: Bookmobile in the Bush." Zimbabwe Librarian 16 (December 1984): 41-46.
- Drevemo, L. "With a Mobile Library through Masailand in Kenya." Biblioteksbladet 59 (1974): 218-220.
- Duberley, G. "A Country Housewife's View of Mobile Libraries." Librarians for Social Change 5 (1974): 17-18.
- Dunlap, Walter J. "Recycling a Worn-out Bookmobile." American Libraries 17 (June 1986): 460.
- Duthie, R. "Auckland's Mobile Library Service." New Zealand Libraries 35 (December 1971): 220-226.
- Eastlick, John T. and Theodore A. Schmidt. "The Impact of Serving the Unserved on Public Library Budgets." Library Trends 23 (April 1975): 603-615.
- Eastwood, C.R. "The Role of Transport in the Rural Library Services in Great Britain." Bibliotekovedenie I Bibliografiya Za Rubezhom 75 (1979): 25-28.
- Eastwood, C.R. "County Library Transport, 1919-1969." Library Association Record 71 (December 1969): 356-358.
- Eisman, Harriet L. "Public Library Programs for the Elderly." Wilson Library Bulletin 53 (April 1979): 564-569.
- Ene, Ngozi. "The Operations of the Mobile Library Service, Bendel State Library." Bendel Library Journal 1 (June 1978): 14-17.
- Engels, M. "Mobile Libraries and Publicity." Openbare Bibliotheek 15 (April/May 1972): 163-166.
- Ewart, Geraldine Sydney. "Endeavoring to Reach the Information Poor." Drexel Library Quarterly 12 (January-April 1976): 171-176.
- "Experiments with Bookmobiles." Bogens Verden 66 (1984): 460.
- Farrell, Sean. "Mississippi Bookmobiles -- An Endangered Species." Mississippi Libraries 50 (Fall 1986): 68-69.

- Farrington, William H. "Statewide Outreach: Desert Booktrails to the Indians." Wilson Library Bulletin 43 (May 1969): 864-871.
- Fergusson, Jim. "Scottish Mobile Meet 1986." Library Association Record 88 (Aug 1st 1986): 395.
- "Financial Aspects of the Mobile Library." Bibliotheek en Samenleving 6 (March 1978): 67-69.
- Fischer, Mary Wood. "The Needs of Older Adults: Materials and Access." Drexel Library Quarterly 15 (April 1979): 20-28.
- Fleming, John. "Mobilemeet 1979." Service Point 18 (September 1979): 12-25.
- "Focus on Young Public Library Services: Bookmobiles and Youth Librarianship in Indonesia." Focus on International and Comparative Librarianship 5 (December 1974): 27.
- Forsman, Antero. "Education for the Bookmobile Driver -- Library Assistant." Kirjastolehti 78 (1985): 213.
- Frana, A. "Optimal Route for Mobile Libraries." Bibliothekar 28 (November 1974): 734-740.
- Franks, C.B. "The Use of Modular Steel Shelving Components in Mobile Libraries." Service Point 20 (September 1980): 17-20.
- Frantz, J.C. "Library Outreach." Wilson Library Bulletin 43 (May 1969): 848-903.
- Friese, Diane. "Rural Bookmobile Service Versus Books-by-Mail in the Maritime Provinces." APLA Bulletin 40 (Winter 1976): 111-114.
- Fuegi, D.F. "Mobile Libraries in the Federal German Republic." Service Point 16 (September 1978): 16-17.
- Gayler, Robert J. "The Way We Were (Excerpts from 1949 Thesis on Mobile Libraries in Post-War Britain)." Library Association Record 90 (August 1988): 452+.
- Gebhard, A.C. "Travelling Libraries." Openbare Bibliotheken 12 (June 1969): 192-195.
- Glick, Jacqueline and Mary Blackwelder. "Information on Wheels -- Library Outreach." Medical Reference Services Quarterly 5 (Summer 1986): 37-44.
- Golovshchikova, A.G. and K.I. Guseinov. "Mobile Library Service to a Production Collective." Nauchnye i Tekhnicheskie Biblioteki SSSR 10 (1981): 23-26.

- Goodger-Hill, Carol. "The Best of Both Worlds in Western Massachusetts: Bookmobile Service." Rural Libraries 5 (1985): 64-69.
- Guerra, A. "The Work of the Mobile Library Unit of One of the Public Libraries in Cuba's Central Region." Bibliotekovedenie I Bibliografiya Za Rubezhom 74 (1979): 12-14.
- Greaves, D. "Durham Mobilemeet." Service Point 21 (January 1981): 19-20.
- Greaves, D. "Mobilemeet 1978." Service Point 16 (September 1978): 11, 13.
- Greaves, D. "Recruiting Mobile Library Drivers: Some Proposals towards Avoiding the Coming Crisis." Service Point 7 September 1974): 3-5.
- Greaves, D. "Starting a Trailer Library Service." Service Point 4 (September 1973): 7-10.
- Grothe, Niels. "Mobile Library Work in Rural Areas." DFW Dokumentation Information 31 (1983): 95-98.
- Gunter, Judith B. "The Travelling Library in England: A History." Rural Libraries 6 (1986): 17-25.
- Gustavsen, John. "Book Bus in the North -- Among the Eastern Lapp Readers." Bok og Bibliotek 53 (1986): 376-377.
- Hall, Alan C. "Hands across the Road: Strengthening Alliances with Bookmobile Service." Ohio Library Association Bulletin 56 (July 1986): 31-33.
- Haqiqitalab, D. "Bookmobile in Iran." Iranian Library Association Bulletin 7 (Autumn 1974): 286-317.
- Hardeck, Erwin. "Efficiency Analysis of the North Rhine-Westphalian Bookmobile Service." Mitteilungsblatt (Verband der Bibliotheken Des Landes) 32 (December 1982): 383-388.
- Harris, Gill. "Branch and Mobile Libraries in the Gambia." Commonwealth Library Association Newsletter (COMLA) 64 (June 1989): 6-7.
- Hauge, Magne. "Mobile Libraries Administered by the County Are a Necessary Supplement to Local Libraries." Bok og Bibliotek 47 (1980): 3-5.
- Hawkins, Marilyn. "Seattle's Bookmobile Metamorphosis." Wilson Library Bulletin 54 (March 1980): 442-446.
- Haydon, J. "Salford's Mobile Service for the Housebound." Library Association Record 91 (January 1989): 42-43.
- Healy, Eugene. "Bookmobiles: A Somewhat Closer Look." American Libraries 2 (January

1971): 72-78.

Hecht, James M. "Library Services to the Handicapped and Elderly." Pennsylvania Library Association (PLA) Bulletin 32 (May 1977): 55, 66.

Hedman, Marianne. "Inter-Nordic Mobile Library Project." Biblioteksbladet 64 (1979): 201-203.

Heiskanen, M. "Mobile Library Services in Turku, Finland." Scandinavian Public Library Quarterly 2 (1969): 237-247.

Hellgren, B. "Mobile Library Service in a Swedish Forest Region." Scandinavian Public Library Quarterly 2 (1969): 229-236.

Hellsten, O. "The Bookmobile in Suomassalmi, A Commune in the Developing Area of Finland." Scandinavian Public Library Quarterly 7 (1974): 94-95.

Hodge, B. "Mobile Library Services on Saint Martin." Bibliotheek en Samenleving 11 (February 1983): 33-35.

Hole, Carol. "Producing Quality Bookmobile Service without Going Broke." Rural Libraries 6 (1986): 19-30.

Holmberg, Irmeli. "The Aims of Mobile Library Services." Kirjastolehti 74 (1981): 132-135.

Holmberg, Irmeli. "Bookmobiles in Munich." Kirjastolehti 72 (1979): 344-345.

Holmberg, Irmeli. "Standardising Bookmobiles." Kirjastolehti 72 (1979): 340-342.

Holmes, Marcia. "On the Buses." Assistant Librarian 79 (October 1986): 139-140.

Hopkins, Mary Shaw. "Library Life -- Bookmobiling." The Unabashed Librarian 58 (1986): 21-22.

Hopkins, Mary Shaw. "Library Life -- Bookmobiling: Reprinted From C-E-F Trailblazer." Clinton-Essex-Franklin Library System News (May/June 1985).

Hounsell, Peter. "How and Why Mobiles in London? The Ealing Experience." Service Point 15 (April 1978): 27-31.

"Houston Phases Out Bookmobile Service." Wilson Library Bulletin 60 (September 1985): 18.

Howard, Edward N. "Pome and the Mediamobile." Catholic Library World 46 (April 1975): 384-387.

Hudson, Andrew. "Community Information in Mobile Libraries." Service Point 23

(September 1981): 20-21.

Hudson, Andrew. "Mobile Versus Branches: An Irrelevant Argument?" Service Point 38 (January 1988): 5-6.

Hudson, Andrew. "Providing a Mobile Library Service to Ethnic Minorities." Service Point 24 (April 1982): 23-24.

Huotari, Helena. "An International Bookmobile." Scandinavian Public Library Quarterly 12 (1979): 144-151.

Innes, Mike and Sue Heathcock. "Trafford Mobile Library Survey." Service Point 40 (October 1988): 15-18.

Jakola, Sissel. "Finnmark Must Rely on Mobile Library Service." Bok og Bibliotek 51 (1984): 166-167.

Johansson, Ann and Ola Strom. "Regional Mobile Library Service in Sor-Trondelag." Bok og Bibliotek 47 (1980): 10-15.

Johnson, Gordon. "Mobile Management." Library Review 26 (1977): 16-20.

Johnson, Paul F. "On the Road...Value for Money Coupled with Proven Service." Public Library Journal 4 (March/April 1989): 23-24.

Josefsson, Willy. "A Boat Loaded with Books." Biblioteksbladet 60 (1975): 237-238.

Juvik, Lars Hansen. "Books with Rural Postmen." Bok og Bibliotek 53 (1986): 51.

Juvik, Lars Hansen. "The Mobile Library on Gimsoya." Bok og Bibliotek 45 (1978): 141-143.

Juvik, Lars Hansen. "The Mobile Library on Gimsoya: Last Phase of the Pilot Scheme." Bok og Bibliotek 46 (1979): 250-251.

Kaminska, Halina. "More on Mobile Libraries." Poradnik Bibliotekarza 9 (September 1986): 3-5.

Karlsson, G. "Mobile Library at Hall and Haga." Biblioteksbladet 54 (1969): 323-326.

Kashirina, T.V. "The Work of Mobile Libraries at the Chelyabinsk Metallurgical Factory." Nauchnye i Tekhnicheskie Biblioteki SSSR 5 (1976): 25-27.

Kemper, L.J. "Legal Requirements Governing the Acquisition and Use of Mobile Library Vehicles." Bibliotheek en Samenleving 10 (July/August 1982): 230-233.

Kierkegaard, Eric. "The Children's Mobile Library in Oland." Bibliotek 70 (1987): 96-97.

- Kipling, Geoff. "If You Want an Exciting Night Out, See Your Local Librarian." Service Point 35 (January 1987): 18-20.
- Kipling, Geoff. "What Is the Difference If You're Not There: A Summary of the Branch and Mobile Libraries Group Weekend School, November 14-16, 1986; Widening the Choice." Service Point 35 (January 1987): 5-8.
- Klee, Ed. "Build Your Own Bookmobile: A Long Way since the Packhorse." Technicalities 2 (September 1982): 6.
- Kleven, K. "Mobile Library -- Outgoing Librarianship." Bok og Bibliotek 41 (1974).
- Knudsen, I.H. "They Meet in the Mobile Library; A Round with Kerteminde Library's Mobile Library." Bogens Verden 54 (1972): 442-445.
- Kroken, Gunvor Thori. "Finland -- Land of the Bookmobile: A Glimpse from the Summer Scandinavian Library Meeting in Iceland." Bok og Bibliotek 51 (1984): 312.
- Kuchmaeva, S. "Who Wants to Work in a Mobile Library?" Bibliotekar (Moscow) 7 (1984): 50.
- Kyostio, Antero. "Gadgets of the Mobile Library." Kirjastolehti 77 (May 1984): 229-231.
- Kyostio, Antero. "Some Observations Regarding the Bookmobiles of Great Britain." Kirjastolehti 77 (1984): 239-240.
- Lamb, Tom and Phil Yelland. "Visit the Van (in North Wales, A Mobile Information Van)." Library Association Record 89 (March 1987): 138-139.
- Leduc-Grimaldi, M.A. "Open Access Loan by Mobile Library in French Villages." Konyvtari Figyelő 17 (1971): 72-81.
- Liapunova, I. and L. Alifero. "Meeting the Users (Mobile Library Extension Services to the Workplace in Saratova)." Bibliotekar (Moscow) 1 (1986): 16-17.
- Lindsay, Margot. "Mobile Libraries -- Forward or Back?" New Library World 79 (September 1978): 167-168.
- Line, Sissel Wedde. "Experiences with Mobile Library and Mobile Cultural Service." Bok og Bibliotek 47 (1980): 19-21.
- Little, Paul. "Converting Bookmobiles to Paperbacks." Library Journal 101 (April 1, 1976): 867-871.
- Little, Paul. "Less Costly, Most Popular." Library Journal 102 (February 15, 1977): 451-456.

- Livingston, Irene. "Renew District Libraries' Mobile Library Service." Service Point 20 (September 1980): 5-9.
- "Loadsamobiles (Photographic Essay of the Annual Mobilemeet, 1988)." Library Association Record 90 (June 1988): 347.
- Ludlow, V.F. "The Toronto Public Library's Service to Shut-ins." Canadian Library Journal 29 (May/June 1972): 237-241.
- Lyle, R.M. "Trailer Library Service in Lincolnshire." Service Point 28 (April 1984): 4-5.
- Maarsingh, A. "A New Type of Mobile Library at Hoogezand." Bibliotheek en Samenleving 2 (December 1974): 456-460.
- Maas, Rob. "The Rotterdam Mobile Record Library." Bibliotheek en Samenleving 10 (July/August 1982): 234-237.
- Mahmoud, A'Atef Yousef. "Mobile Library in Jordan." Rissalat Al-Maktaba (The Message of the Library) 16 (September 1981) (in Arabic).
- Makarova, E. "On the Route of the Gas Pipeline (Mobile Library Service to Construction Workers in Siberia)." Bibliotekar (Moscow) 6 (1986).
- Mancini, Donna. "On the Move: Rapid Transit Commuter Libraries." RQ 29 (Fall 1989): 15-18.
- Marden, J.P. "Give Me a Home Where the Bookmobile Roams." Rural Libraries 4 (1984): 37-44.
- Matlina, S. "Helicopters above the Tundra, Bringing Books to Remote Areas." Bibliotekar 9 (1983): 23-24.
- McLaughlin, Terry Lee. "Bookmobile Reference Service Survey." Ohio Library Association Bulletin 54 (October 1984): 16-18.
- McLean, Edward B. "Shared Mobile Library Collections." College and Research Libraries 29 (January 1968): 27-29.
- McMurray, Nigel. "Publicising and Promoting a Mobile Library Service." Library Association Record 90 (August 1988): 470.
- McMurray, Nigel. "Radiophones and Fiche Readers on Barnet Mobiles." Service Point 31 (September 1985): 22-23.
- McMurrer, Eileen. "Arlington's Teen Reading Machine." Voice of Youth Advocates 12 (August 1989): 151-152.

- Mentzel, Joachim. "Are Mobile Libraries a Profitable Means of Providing Literature for Structurally Weak Areas?" Buch und Bibliothek 33 (February 1981): 171-174.
- Merryman, Donald. "Mobile Educational Technology." American Libraries 1 (February 1970): 162-164.
- Meyer, Reinhard. "A Comparison between Mobile and Stationary Libraries in Rural Areas with Reference to Costs and Performance." Bibliotheksforum Bayern 9 (1981): 243-256.
- Miles, William A. "Outreach: Theory and Practice vs. Attitude and Commitment." The Bookmark 43 (Winter 1985): 69-73.
- Milich, Patricia S. "The Answer Van in Rural New Jersey." Library Journal 103 (May 15, 1978): 1030-1031.
- Miller, Betty and Ray Smith. "Literacy Update -- Springfield-Greene County Library District (Mobile Van for Homebound Students and a Tutor-Training Site)." Show Me Libraries 40 (Fall 1988): 30.
- Miller, E.M. "Books on Wheels in Dunedin." New Zealand Libraries 35 (December 1971): 235-243.
- Mills, Geoff. "Birmingham Public Libraries (Mobile Library Service)." Library Association Record 90 (September 1988): 516.
- "Mobile Libraries." Bok og Bibliotek 47 (1980): 3-25.
- "Mobile Libraries in Dortmund." Bibliotheksdienst 4 (April, 1976): 161-163.
- "Mobile Libraries in Schleswig-Holstein." Bibliotheksdienst 1 (January 1977): 1-2 (in German).
- "Mobile Libraries: The Library Comes to the Reader." Bibliotheksdienst 3 (March 1976): 128-131.
- "Mobile Library Services" Bibliotheek en Samenleving 10 (July/August 1982): 219-149 (in Dutch).
- Moran, Irene E. "A Bookmobile Goes in Brooklyn." Library Journal 94 (December 1969): 4487-4489.
- Mori, Koichi. "Melvil Dewey as the Founder of Travelling Libraries" Toshokan Gakkai Nempo 32 (March 1986): 28-32 (in Japanese).
- Morsink, Catherine. "Using a Bookmobile as a Resource Room." Exceptional Children 39 (March 1987): 138-139.

- Mortimer, G. "Mobile or Moon Rocket?" Assistant Librarian 79 (November 1986): 154-156.
- Mosely, Malcolm J. and John Packman. "Making Inroads." Assistant Librarian 77 (May 1984): 67-68.
- Musmann, Victoria K. "Cooperative Funding Puts Mobile Library on the Road." Journal of Educational Media and Library Sciences 22 (Autumn 1984): 1-9.
- Mustoe, G. "A Development in Mobile Libraries (or, Solihull's Superloo)." Service Point 5 (January 1974): 5-7.
- Naismith, R. "Field Work: Library Services in Rural Areas. Outreach to Migrants." RQ 22 (Fall 1982): 33-35.
- Naismith, R. "Library Service to Migrant Farm Workers." Library Journal 114 (March 1, 1989): 52-55.
- Naismith, R. "The Moveable Library: Serving Migrant Farm Workers." Wilson Library Bulletin 57 (March 1983): 571-575.
- Nash, Joan. "Moving Memories." Library Association Record 90 (August 1988): 461+.
- "National Bookmobile Guidelines." Public Libraries 28 (July/August 1989): 247.
- Nauta, D. "Mobile Libraries in the Country and in Town." Openbare Bibliotheken 15 (April-May 1972): 140-143.
- Neds, Nolan. "Milwaukee Public Library: Outreach Activities Reviewed." Wisconsin Library Bulletin 79 (Winter 1984): 124-127.
- "New Income System for Cities and Counties; Bookmobiles and Library Premises in the Framework of State Grants." Bok og Bibliotek 51 (1984): 22-23.
- "New Intercommunity Book Bus in Vesteralen." Bok og Bibliotek 53 (1986): 375.
- "New Mobile for Kensington and Chelsea." Library Association Record 89 (February 1987): 64.
- Nielsen, H.M. "The Mobile Library Is Unassuming and Informal: A Year with the Mobile Library in Thisted Urban Council Area -- Summary of a Report." Bogens Verden 55 (1973): 263-265.
- Nilsen, Sissel. "Karasjok Would Like a Book Mobile and More Money for Books." Bok og Bibliotek 49 (1982): 416-417.

- Nilssen, L. "1984: Bookmobile on a Charm Offensive in Telemark." Bok og Bibliotek 52 (1985): 75-76.
- Nilssen, L. "Colourful Mobile Libraries Draw Borrowers." Bok og Bibliotek 51 (1984): 44-45.
- Nilssen, L. "The Mobile Library Service in Telemark." Bok og Bibliotek 40 (January 1973): 30-33.
- Nilssen, L. "Mobile Library Service in Vienna, Austria." Bok og Bibliotek 47 (1980): 22-24.
- Nilssen, L. "Mobile Library Services in England and Denmark: Report of a Study Tour." Bok og Bibliotek 39 (September 1972): 324-329.
- Nilssen, L. "New Bookmobile in Telemark." Bok og Bibliotek 53 (1986): 306-307.
- Nydren, Goesta. "Mobile Libraries in Sparsely Populated Areas and in Cities." Biblioteksbladet 63 (1978): 36-39.
- "Oklahoma Toy Library Serves Day Care Homes and Centers." Library Journal 109 (December 1984): 2206+.
- Opdan, Kirsten. Aafloy. "Save Our Mobile Library!" Bok og Bibliotek 55 (1988): 19-20.
- Oppedal, Svanhild. "New Style of Mobile Library in Sogn og Fjordane: New Mobile Put into Service." Bok og Bibliotek 47 (1980): 6-8.
- "Outreach Library Services (Special Issue)." The Bookmark 43 (Winter 1985): 55-85.
- Packman, J. "Mobile Services in Rural Areas Research Project." Service Point 25 (September 1982): 10.
- Pajari-Sariola, Sanni. "The Wheels Are Rolling Again in Tornio." Kirjastoletti 77 (1984): 234-235.
- Palmer, Doris. "God Bless Em." Library Association Record 90 (August 1988): 453.
- Pemmer Saetre, Tove and Synnove Gjermundnes. "Mobile Library Services in Strategic Planning." Scandinavian Public Library Quarterly 21 (1988): 10-12.
- Pender, Margaret. "Extension Activities with Children in the Southern Education and Library Board -- Summer 1981." An Leabharlann (The Irish Library) 10 (Winter 1981): 137-139, 141-142.
- Peraelae, K. "Bookmobile Service in Finland." New Library World 76 (September 1975): 187, 189.

- Petkovic, R. "Mobile Libraries Network." Bibliotekar (Belgrade) 22 (July/August 1970): 359-364.
- Pfoutz, D.R. "Penntap." Library Journal 94 (April 15, 1969): 1589-1591.
- Philip, John J. "Bookmobile Service Reexamined." Rural Libraries 2 (Winter 1982): 45-50.
- Philip, John J. "No Bits, No Bytes, but Plenty of Library Service: Bookmobiles in Ohio." Ohio Library Association Bulletin 55 (July 1985): 20-22.
- Philip, John J. "Rural Outreach Services." Wilson Library Bulletin 63 (May 1989): 31+.
- Philip, John J. and Linda L. Pritchard. "Revitalizing Bookmobile Service: Annual Bookmobile Conferences in Ohio." Public Libraries 26 (Fall 1987): 132-133.
- Piossek, C. "Some Problems in Publicity Work for the Erfurt Mobile Library." Bibliothekar 25 (August 1971): 543-545.
- Pitkanen, Marja-Leena. "Bookmobile for Three Countries." Kirjastolehti 77 (1984): 237-238.
- Pitkanen, Marja-Leena. "Mobile Libraries in Finland." Scandinavian Public Library Quarterly 21 (1988): 4-8.
- Pollack, L.O. "A Box on a Chassis: On Mobile Library Planning." Biblioteksbladet 59 (1974): 215-217.
- Poplow, Klaus. "A Complete Bookmobile at Half Price." Buch und Bibliothek 38 (November/December 1986): 956-958.
- Popma, L. "The Public Libraries Act and the Mobile Library." Bibliotheken Samenleving 10 (July/August 1982): 222-226.
- Porteous, E.L. "Some Personal Thoughts on the Design and Development of Mobile Libraries." Service Point (April 1978): 5-11.
- Price, Anne. "Sandwell's New Mobile Library." Service Point 39 (April 1988): 18-19.
- Prien, Henning. "Cooperation between School and Library as Exemplified by Munich's Mobile Libraries." Schulbibliothek Aktuell 2 (1988): 126-127.
- "Proposal on New Income System for Cities and Counties: Confusion on Operating Subsidy for the Bookmobile." Bok og Bibliotek 52 (1985): 174-175.
- "The Public Libraries' Bookmobile Service in Jamaica." Jamaica Library Association Bulletin (1975): 28-30.

- Putkonen, A. "Mobile Libraries -- Are They a Status Symbol?" Kirjastoletti 64 (1971): 240-241.
- Ramaiah, L.S. "Mobile Library Service in Andhra Pradesh: A Proposal." Indian Library Association Bulletin 19 (January-March 1984): 145-148.
- Ratcliff, Linda. "Intimate Details in the Life of a Library on Wheels." California Librarian 13 (July 1978): 41-44.
- Rautalin, M.L. "Bookmobile Service in Focus." Kirjastoletti 64 (1971): 451-452.
- Ray, Dee Ann. "Bookmobiles -- Yes Yes Yes." Oklahoma Librarian 29 (January 1979): 16, 18.
- Reddy, I. "Beyond the City: Library Service to Children in Rural and Dispersed Communities." International Library Review 7 (July 1975): 293-300.
- Reed, Emily W. "Library Programs and Activities: Serving the Aging Directly." Library Trends 21 (January 1973): 404-412.
- Reissland, W. and B. Meinhardt. "First Experience in the Provision of a Mobile Library Service in Rural Areas." Bibliothekar 25 (August 1971): 539-541.
- Renborg, Greta. "An Excursion in the Mobile Library Land in England Thirty Years Ago." Service Point 31 (September 1985): 4-7.
- Renes, W.M. "Requirements for a Mobile Library: Some Pointers." Openbare Bibliotheken 15 (April/May 1972): 120-130.
- Ristarp, J. "'The Library's Coming' -- A Course in Outreach Activities by Libraries." Scandinavian Public Library Quarterly 6 (1973): 98-105.
- Rogers, Joann V. "Personal Computers on Bookmobiles Bring Automation Full Circle at St. Louis County Library." Show-Me Libraries 40 (Winter 1989): 29-32.
- Rognmo, Per. "The Mobile Library -- The Greatest Blessing for the Villages." Bok og Bibliotek 51 (1984): 162-164.
- Ruth, Helena. "Mobile Library Services in Finland." Service Point 19 (April 1980): 9-11.
- Ryan, Mary. "Special Report: Vintage Bookmobiles." Wilson Library Bulletin 50 (March 1976): 540-541.
- Saarinen, Heli. "Finland, the Country of Mobile Libraries." Scandinavian Public Library Quarterly 18 (1985): 42-45.
- Sanders, Anne. "Bookmobile Service in the East Albermarle Regional Library System."

- Rural Libraries 6 (1986): 31-39.
- Sager, Donald J. "Mobile and the Cable." Library Journal 98 (February 15, 1973): 501-504.
- Sarkola, S. "A Bookmobile Gets There." Kirjastolehti 67 (1974): 406-408.
- Schrimpf, E. "Experiences with the Prototype Travelling Library." Bibliotheksdienst, Beiheft (Supplement) 91 (June 1973): 43-46.
- Schulte, E. "An Address by Dr. E. Schulte of the Federal Ministry of Education and Science on the Occasion of a Public Showing of the Film 'Mobile Libraries' in Munich on 24th April 1975." Bibliotheksdienst 6 (June 1975): 313-316.
- Schumann, Albrecht. "Introduction of Mobile Trailer Libraries in the Suhl District." Bibliothekar 30 (June 1976): 362-368.
- Seng, Chan Thye. "Mobile Library Service in Singapore." Unesco Bulletin for Libraries 30 (July/August 1976): 218-223.
- Sergeichuk, T.N. "Jubilee of the Pridneprovsk Railway Libraries." Nauchnye I Tekhnicheskie Biblioteki SSSR 7 (1980): 28-30.
- Shepard, Phelps. "Bookmobiles Survive in Aurora." Wilson Library Bulletin 57 (November 1982): 222-223.
- Sierra Leone Library Board. "The Mobile Library Services in Sierra Leone." Sierra Leone Library Journal 3 (January 1977): 11-14.
- Skrzeszewski, Stan. "Bookmobile Service on the Prairies in Saskatchewan." Service Point 19 (April 1980): 7-9.
- Slaba, Svatava. "The Future of Mobile Libraries." Ctenar 29 (1977): 308-311.
- Slaba, Svatava. "Mobile Libraries and Their Functions." Ctenar 28 (1976): 417-420.
- Slang, Live. "Bookmobile Reversed." Bok og Bibliotek 53 (1986): 373.
- Slang, Live. "Kvinnherad Has Received a Book Bus." Bok og Bibliotek 53 (1986): 377.
- "Small Fixed Service Points and Mobile and Trailer Libraries." Library and Information Bulletin 20 (1973): 1-13.
- Smith, Ria. "Mobile Libraries in the South Holland Provincial Library Service." Bibliotheek en Samenleving 10 (July/August 1982): 238-241.
- Smitton, Stuart. "Outreach Activities Important to Wales' Urban Service." Library Association Record 90 (September 1988): 516.

- Sollid, A.K. "The Mobile Library at a Trade Fair, with Lending Service and Puppet Theatre." Bok og Bibliotek 40 (November 1973): 419-421.
- Somers, Jane. "Outreach Services at the Mohawk Valley Library Association." The Bookmark 43 (Winter 1985): 74-77.
- Sormani, P.F.M. "Which Issue Method for the Mobile Library?" Openbare Bibliotheken 15 (April/May 1972): 160-162.
- "Special Issue on Mobile Libraries." Openbare Bibliotheken 15 (April/May 1972): 117-191.
- "Special Series: Mobile Libraries in Cities." Toshokan Zasshi 65 (May 1971): 230-243.
- Storum, J. "Branch and Mobile Library on the Same Day in Bergen." Bok og Bibliotek 41 (1974): 16-17.
- Strachan, Nancy S. "A Formula for Successful Outreach." Library Journal 111 (March 1, 1986): 65-66.
- Strom, Ola. "If Librarians Believe in the Mobile Library, They Must Also Work for It Themselves." Bok og Bibliotek 48 (1981): 522-524.
- Strom, Ola. "Norway's First Regional Mobile Library Has Started." Bok og Bibliotek 45 (1978): 346-347.
- Stumo, Gunnar. "Joint Authority Mobile Library on the North Cap: Cooperation among Frontier Authorities." Bok og Bibliotek 47 (1980): 214-216.
- Stupakova, L. "Library on Wheels." Bibliotekar (Moscow) 12 (1984): 12.
- Suehnhoid, K.H. "Mobile Libraries in the GDR." Bibliotekar 25 (July 1971): 473-475.
- Suehnhoid, K.H. "On the Rationalization of Loan Controls in the Mobile Provision of Books." Bibliotekar 27 (September 1973): 581-586.
- Sukke, Hakon Arnljot. "Good Public Relations to Have a Mobile Library." Bok og Bibliotek 47 (1980): 16-18.
- Sveinsvoll, J. "Experiences of Mobile Library Operation in Sandnes District." Bok og Bibliotek 39 (September 1972): 330-332.
- Szaffnerova, Stanislava. "A Mobile Library." Ctenar 39 (1987): 189-191.
- Toepfer, H. "Notes on the Value of Mobile Libraries." Bibliotekar 25 (August 1971): 542-543.
- Tonnesen, J. "Bookmobiles Are Not the Answer...Library Debate in Iceland." Bogens

Verden 56 (1974): 286-290.

Topping, Russ. "Add Ups (Uninterruptible Power Supply to Your Bookmobile Services)." American Libraries 20 (July 1989): 690-692.

"Towards the Standardization of Mobile Library Services." Bibliotheek en Samenleving 10 (July/August 1982): 227-229.

Trudgeon, C.D. "Let's Get Mobile: Or, How to Introduce Mobile Library Service on a Shoestring." New Zealand Libraries 32 (April 1969): 58, 60-61, 63-64.

Turner, P.H. "Branch and Mobile Libraries Group -- Over 25 Years on the Move." Library Association Record 90 (December 15, 1988): 729-730.

Turner, P.H. "The Seventies and Nearly All the Eighties (Bookmobiles in Britain)." Library Association Record 90 (August 1988): 453+.

Turner, P.H. "The Standard Mobile is Dead -- Long Live the CSM: Some Brief Thoughts on Mobile Library Construction." Service Point 26 (April 1983): 22-26.

Turner, Peter. "Mobilemeet 1977." Service Point 14 (September 1977): 11-13.

Ude, C.C. "Mobile Library Services in Nigeria." Bibliotheek en Samenleving 11 (January 1983): 12-17.

"Urban Mobile Libraries: Results of a Survey Carried Out in 1969 and 1970." Bulletin des Bibliothèques de France 16 (August 1971): 455-459.

"Use and Misuse of Mobile Libraries." Bibliotek 70 (1975): 557.

Valentine, Pearl. "A New Generation of Trailers for Shropshire Libraries." Library Association Record 90 (August 1988): 464.

Van der Kwaak, Willy. "A Bibliography of Mobile Library Services." Bibliotheek en Samenleving 10 (July/August 1982): 247-249.

Van der Meer, Sonja. "The Role of Mobile Libraries within the Network of Public Library Services." Bibliotheek en Samenleving 10 (July/August 1982): 220-222.

Verge, E. and D. Alegre. "Mobile Libraries in Barcelona." Biblioteconomia 25 (January-December 1968): 61-63.

Verho, Seppo. "The Bookmobile Fills a Gap." Kirjastoletti 76 (1983): 339-342.

Verho, Seppo. "Every Fourth Book Mobile Is in Need of Repair." Kirjastoletti 73 (1980): 168-172.

- Verho, Seppo. "Mobile Libraries on Parade." Kirjastolehti 77 (1984): 122-125.
- Verho, Seppo. "Mobile Library Patches Up the Network." Kirjastolehti 76 (1983): 339-342.
- Ville, Martha. "Do-It-Yourself Bookmobile (Steel-reinforced Fiberglass Box Can be Removed and Repositioned upon a New Ford Cutaway)." Show-Me Libraries 40 (Winter 1989): 38-39.
- Vis, M. "Some Technical and Staffing Aspects of Mobile Libraries." Openbare Bibliotheken 15 (April/May 1972): 135-139.
- Vojtek, Z. "Bibliobus in the Countryside." Ctnar 24 (1972): 137-140.
- Westerlund, V. "15 Years with a Mobile Library." Biblioteksbladet 59 (1974): 220-221.
- Westgard, Gunnar. "Culture on Wheels." Scandinavian Public Library Quarterly 11 (1978): 45-46.
- Westman, Git. "Books by Boat to the Archipelago Population." Scandinavian Public Library Quarterly 14 (1981): 117.
- Wever, Julie and Leona H. Salzman. "Bookmobiles Reach Out to People (Clinton-Essex-Franklin Library System Serving an Area the Size of Connecticut)." The Bookmark 46 (Summer 1988): 220-223.
- Wilde, Glenn R. "An Educational and Informational Delivery Network for Rural Intermountain Communities." Bulletin for the American Society for Information Science 10 (June 1984): 20-22.
- Williams, Sally. "Bradford's 'Books and Information Library Bus.'" Service Point 21 (January 1981): 4-5, 7-9.
- Willis, Stephen. "Fifty Years of Mobile Libraries in Manchester, 1931-1981." Service Point 23 (September 1981): 5-9.
- Wood, Donald. "A Vehicle for Outreach." Wilson Library Bulletin 62 (April 1988): 45-46.
- Wooliscroft, M.J. "Mobile Library Service in New Zealand Cities." New Zealand Libraries 35 (December 1971): 218-219.
- Worcester, Robert. "Planning Mobile Library Services in Essex." Service Point 22 (April 1981): 4-7.
- Wraight, Allan. "Newcastle's All Purpose Mobile." Library Association Record (September 1988): 511-512.
- Yudelman, Susan. "The Jerusalem Municipality Bookmobile." Yad La-Kore (The Reader's

Aid 18 (December 1979): 203-216.

Zhilina, V. "The 'Bibliobus' in a Centralised System." Bibliotekar (Moscow) 11 (1978): 61-63.

Zilz, Elisabeth. "Experiences at the Scene of Action: Traveling for the Project a Bockmobile for Nicaragua." Buch und Bibliothek 38 (September 1986): 728-732.

BIBLIOMETRICS

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ABSTRACT

The bookmobile has been a key resource expansion mechanism for public library service in the middle decades of the twentieth century. A survey, based upon a population of 448 libraries known to have provided bookmobile service in 1987, 446 of which responded, and 440 of which still provided such service at the time of data collection, provides a picture of the place of bookmobile service in increasing the availability of public library collections today, and its potential for the 1990's.

There were between 1130 and 1200 bookmobiles in the United States in 1988. More than one third of major public library systems in the United States are providing bookmobile service. Seventy-two percent of the bookmobiles in use were purchased for less than \$45,000, and seventy-five percent of them cost less than \$2,000 annually to maintain. Forty-eight percent of surveyed libraries are currently in the market for a new bookmobile and ninety percent expect to continue to provide mobile service. About six percent of the circulation of the surveyed libraries come from bookmobiles. A third of the operating vehicles now have some form of two-way mobile communication, and seventeen percent have an automated circulation system or catalog, although the Gaylord charge machine remains the most popular item of on board technology.

The effects of demographic trends for the nineties on bookmobile service are discussed.

BACKGROUND

This report to the Council on Library Resources details an investigation of the scope and impact of bookmobile service in the United States at the end of the ninth decade of the twentieth century to project the role of such service in the nineties. Specifically the goal was to identify the number of bookmobiles in service, their circulation relative to other delivery points, the sorts of programs currently being run from bookmobiles, the populations being served, the sort of stops that are being made, the relationship of such service to the presence of other outreach services, and to suggest some means of estimating the cost of resource relocation as opposed to resource duplication. If the bookmobile is a viable alternative to the acquisition of branch library collections considerable savings may be realized through the sharing of resources through relocation.

The study has the most direct applicability to service planning for public libraries in the next decade. Those libraries that engage in outreach service of any kind must regularly consider whether the bookmobile remains a viable alternative to books by mail programs, additional branch libraries, and less expensive delivery programs. There are also some implications for school libraries which are impacted by bookmobile programs.

The large urban public library may do well to consider the bookmobile rather than the acquisition of multiple branch locations and their associated collections. The rural public library system will need to consider whether the initiation, termination or continuation of bookmobile service is their best choice.

The Bookmobile has been a key resource expansion mechanism for public library service in the middle decades of the twentieth century. No comprehensive summary of bookmobile service has been produced in the last twenty years although a considerable literature exists. It is to be hoped that what follows will assist in providing a clear overall picture of the place of bookmobile service in increasing the availability of public library collections today, and its potential for the 1990's.

OBJECTIVES

Since 1905 when Mary Titcomb originated the idea of a wagon designed to provide direct book service to rural areas, the bookmobile has been a resource expansion mechanism for public libraries.¹ The bookmobile is the only available mechanism for moving a collection rather than duplicating it to expand service. In 1965 there were nearly 2000 bookmobiles in service in the United States.² It is likely that the height of bookmobile service came in the early 1970's. The dramatic increase in gasoline prices later in this decade undoubtedly caused many libraries to reconsider the cost of the service and to drop it. The current scope of bookmobile service in the United States is still significant. In 1985 forty-six Louisiana bookmobiles generated nine percent of the public library circulation in the state while 314 branch libraries generated forty-seven percent.³ An estimate of bookmobiles in service made below indicates 1200 as the likely maximum current figure.

An investigation of the scope and impact of bookmobile service in the United States at the end of the ninth decade of the twentieth century may be useful in projecting the role of such service into the nineties. Specifically it would seem useful to estimate the scope of bookmobile service, circulation relative to other delivery mechanisms, the sorts of programs currently being run from bookmobiles, the populations being served, the sort of stops that are being made, and if possible, the cost of resource relocation as opposed to resource duplication.

PREVIOUS WORK

Since Brown's classic work in 1967 there has been no real summary of bookmobile service in the United States. There are a great many papers on local service⁴, and on comparative service techniques⁵, and a large number of statistics have been collected by state libraries and published in annual reports. There is nothing that offers a comprehensive picture, however. The most extensive data collected is neither easily available nor directly addresses such questions as urban bookmobile service.⁶

METHODOLOGY

To create a comprehensive picture of bookmobile service as it exists in the United States today, and in so far as possible, to project the future of bookmobile services in the nineties an extensive sample of libraries offering the service was required. While the American Library Directory has records for over 36,000 libraries, 9841 of which are indicated to be public libraries, the field indicating bookmobile service is not searchable in the Dialog machine accessible version of the file. However, the 448 library systems which reported that they provided bookmobile service in the Adult Services in the Eighties (ASE) project were available in machine readable form.⁷ The ASE study surveyed every public library system with a reported service population exceeding twenty-five thousand. This amounted to 1,758 library systems, and responses were received from 1,175 systems.⁸ The conclusion, of course, is that thirty-eight percent of the library systems serving twenty-five thousand or more population provided bookmobile service in 1987.

The population for this study was the 448 library systems from the ASE response group that indicated bookmobile service. This option identifies four and one half percent of the public libraries in the country, all known to have provided bookmobile service. An instrument was designed to collect the data and a staff member of each library in the group was approached on the telephone to determine their willingness to participate in the survey. A response rate of over ninety-nine percent was achieved with 446 agreeing and participating. However, six of these, or one percent, no longer offered bookmobile service, reducing the meaningful response to 440 libraries. This is a two percent reduction in the sample size but still four and one half percent of the public libraries in the American Library Directory, and ninety-eight percent of the library systems known to be offering bookmobile service from the Adult Services in the Eighties study. The responses covered 46 of the 50 states, with Alaska, Maine, Vermont, and Wyoming not selected. Kentucky had the largest representation with 63 contributions, and nine states contributed a single survey. Maine discontinued bookmobile service in 1981.⁹

RESULTS

Results of the study are divided into sections on various aspects of interest. The data presented here are primarily in percentage form, either as a percent of total libraries surveyed or as a percent of total surveyed bookmobiles on the road, or both. The total utilized for the percentages reflects the response rate for the particular question. There is reason to believe that these percentages accurately reflect the character of bookmobile service in the United States as the final decade of the twentieth century approaches.

HOW MANY BOOKMOBILES

The two percent drop in libraries providing bookmobile service which occurred between the data gathering for the ASE project in 1987 and the data reported here may

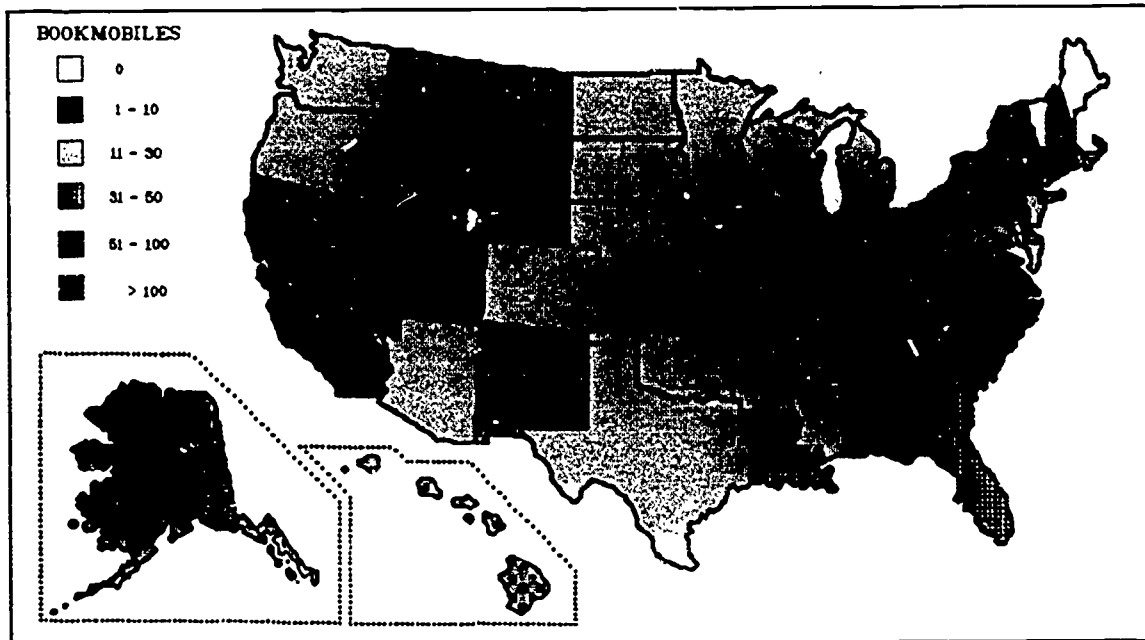
be taken as an indication of declining use of the medium. It must be pointed out, however, that no information is available on libraries that may be adding bookmobile service and, in fact, the sampling procedure excludes the possibility of learning of any such increase in service. It is thus possible that no net decrease has occurred at all.

About 100 new bookmobiles are ordered each year.¹⁰ Between 1980 and 1987 Statistical Abstracts indicates U.S. public libraries built 181 branches and 272 headquarters buildings, or a total of 453 fixed location service facilities.¹¹ For the same period Fox shows 645 buildings completed.¹² Thus on average between 57 and 80 buildings were added each year in the eighties. No information on retirement rates for either sort of service location has been located, but the building figures from Statistical Abstracts are based on the differences in reported totals and are most likely net of additions and retirements while those from Fox are construction totals. The bookmobile figure is based upon sales and does not account for retirements.

The survey for the Adult Services in the Eighties Project (ASE) indicates that 1,014 of the 4,215 responding libraries provide bookmobile service.¹³ That would seem to imply that nearly twenty-five percent of public libraries in the United States are currently making use of bookmobiles. If we use the figure reported below in this survey of 1.2 bookmobiles per library, then the bookmobile population could be estimated at one quarter of the 9841 public libraries in the American Library Directory, times 1.2 or 2952. Another view of the ASE data would indicate that thirty-eight percent of library systems serving a population over twenty-five thousand now provide bookmobile service. Thirty-eight percent of 1758 ASE reported systems is 668 library systems, which at 1.2 vehicles per system is 802 units. It would seem to be a safe guess that systems serving less than twenty-five thousand people are operating at least 200 bookmobiles, and thus that the 1988 bookmobile population is between one and three thousand. Since Brown reported nearly 2000 vehicles in service in 1965, the high end of the range may seem the better estimate.¹⁴

However, statistics are now available from the Federal-State Cooperative System for Public Library Data (FSCS) that were collected by the U.S. Department of Education's National Center for Educational Statistics (NCES).¹⁵ These include reported totals of bookmobiles from public libraries in 44 states and the District of Columbia. The number provided is 1054 bookmobiles from 7403 libraries responding to this particular question of the 7910 surveyed. New Jersey did not respond to this question, and Alabama, Georgia, Kansas, Maine, Nevada, and Tennessee are the states not responding. While we do not know the total bookmobile population in these states, we can establish a minimum figure based upon those responses that we received from our survey. In Alabama we surveyed nine library systems that among themselves put 10 bookmobiles on the road. Georgia provided 22 responses and reported 33 bookmobiles. Kansas reported a bookmobile in each of two libraries, Maine did not appear in our sample, and Nevada and Tennessee each reported one bookmobile. Our data also indicate a minimum of 12 bookmobiles in New Jersey. Thus we may safely add 59 bookmobiles to the FSCS figure yielding 1113. We also have 12 surveys from Michigan where FSCS reports only 4 bookmobiles in service, and 9 surveys from Massachusetts where FSCS reports no bookmobiles in service. Therefore the addition of another 17 vehicles increasing the minimum to 1130 seems justified. Using the FSCS reported figure of 1054 from 43 states and the District of Columbia the average number of bookmobiles per reporting entity is 23.95 bookmobiles. An estimate of the total number of bookmobiles can be obtained by multiplying this number by 51. Thus we can be confident of a minimum of 1130 bookmobiles in the U.S. in 1988, and reasonably assume

that the maximum does not much exceed 1222. In fact, since there are no bookmobiles currently in Maine, 1200 is a fair maximum.

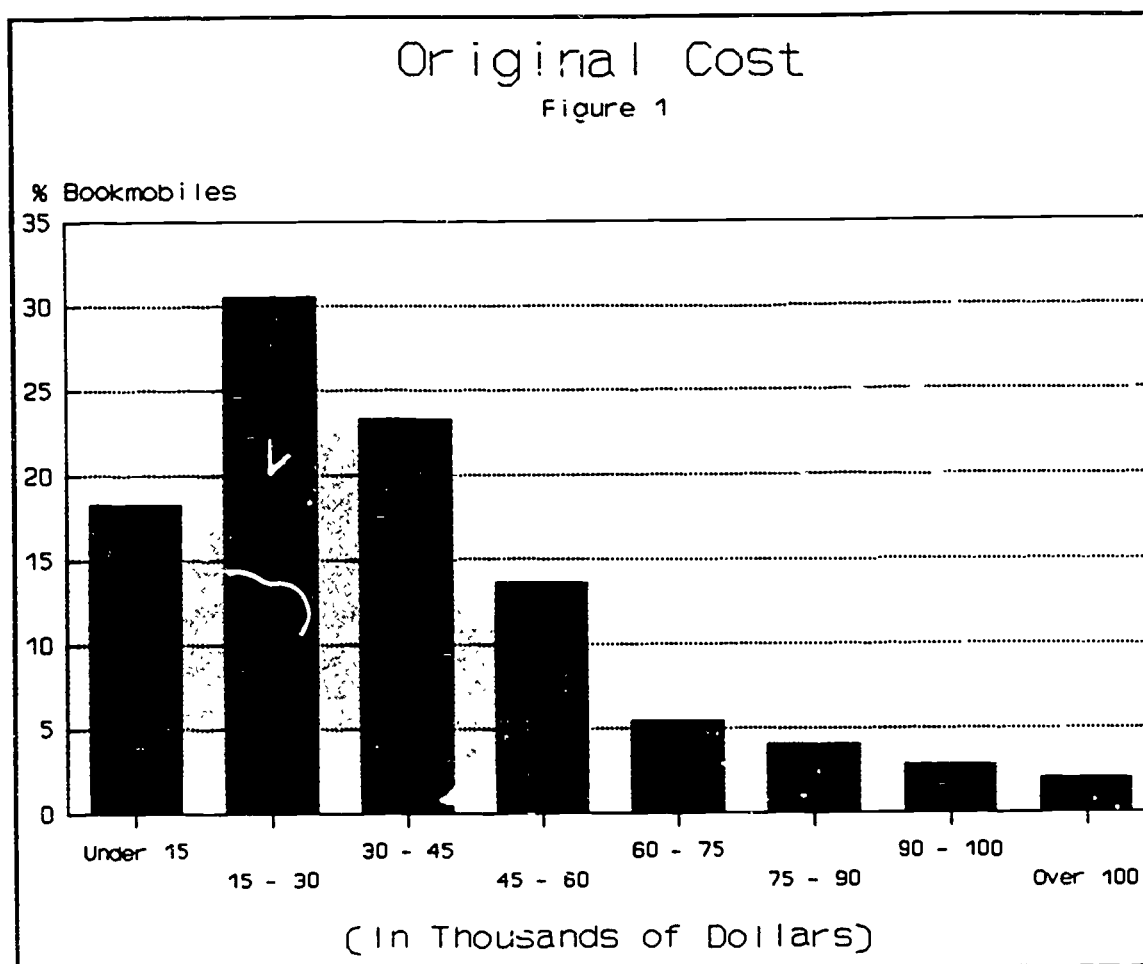


The average library system providing bookmobile service is operating 1.22 vehicles for this purpose. Sixty-two percent are reported to utilize a bus type chase, thirty-five percent a van type chase, and three percent are tractor-trailer designs. Twelve vehicles based upon recreational vehicles were reported in the open ended comments.

COSTS OF BOOKMOBILE SERVICE

The original cost of thirty-one percent of bookmobiles in service was between \$15,000 and \$30,000. Twenty-three percent of original purchase prices were between \$30,000 and \$45,000, and eighteen percent were below \$15,000. Thus seventy-two percent of bookmobiles on the road in 1988 were purchased for less than \$45,000 and forty-nine percent below \$30,000. Two percent cost more than \$100,000. Of the four hundred and seventeen bookmobiles for which age data was available, 2% were constructed prior to 1970, 42% built in the 1970's, and 66% in the 1980's.

Ninety-one percent of the bookmobiles in service report annual maintenance costs less than \$4,000, seventy-five percent less than \$2000, and thirty-four percent below \$1000. Less than one percent indicate maintenance expense above \$10,000, less than two percent between \$8000 and \$10,000, two percent between \$6000 and \$8000, and four and one half percent between \$4000 and \$6000. Higher initial cost does not appear to be an indication of higher maintenance cost. Of the 69 bookmobiles whose cost exceeded \$60,000, only 3 cost more than \$4,000 per year to maintain. Twenty-four of these, or thirty-five percent, had maintenance costs of less than \$1000 per year. A bookmobile, even a very expensive one,

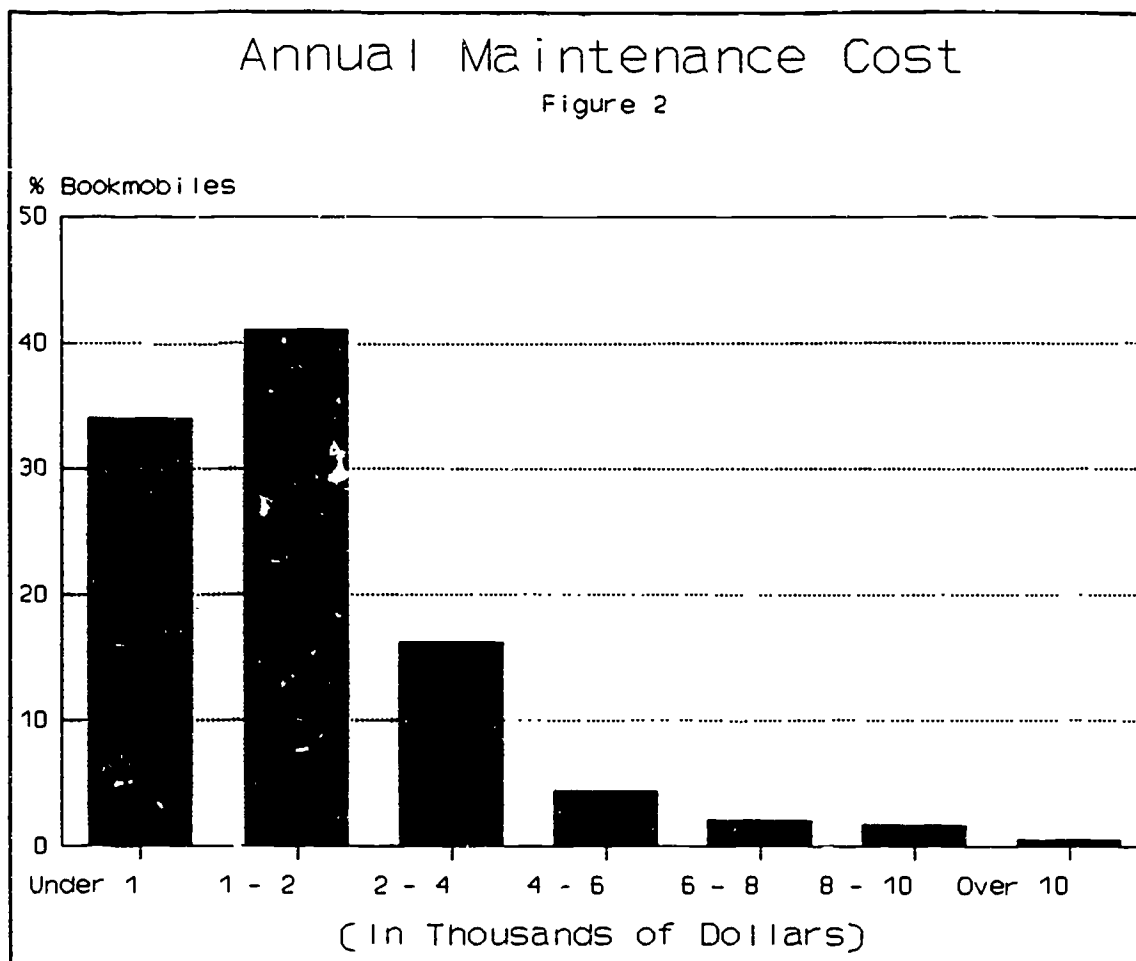


can be expected to incur maintenance costs below \$2000 per year.

EXTENT OF SERVICE

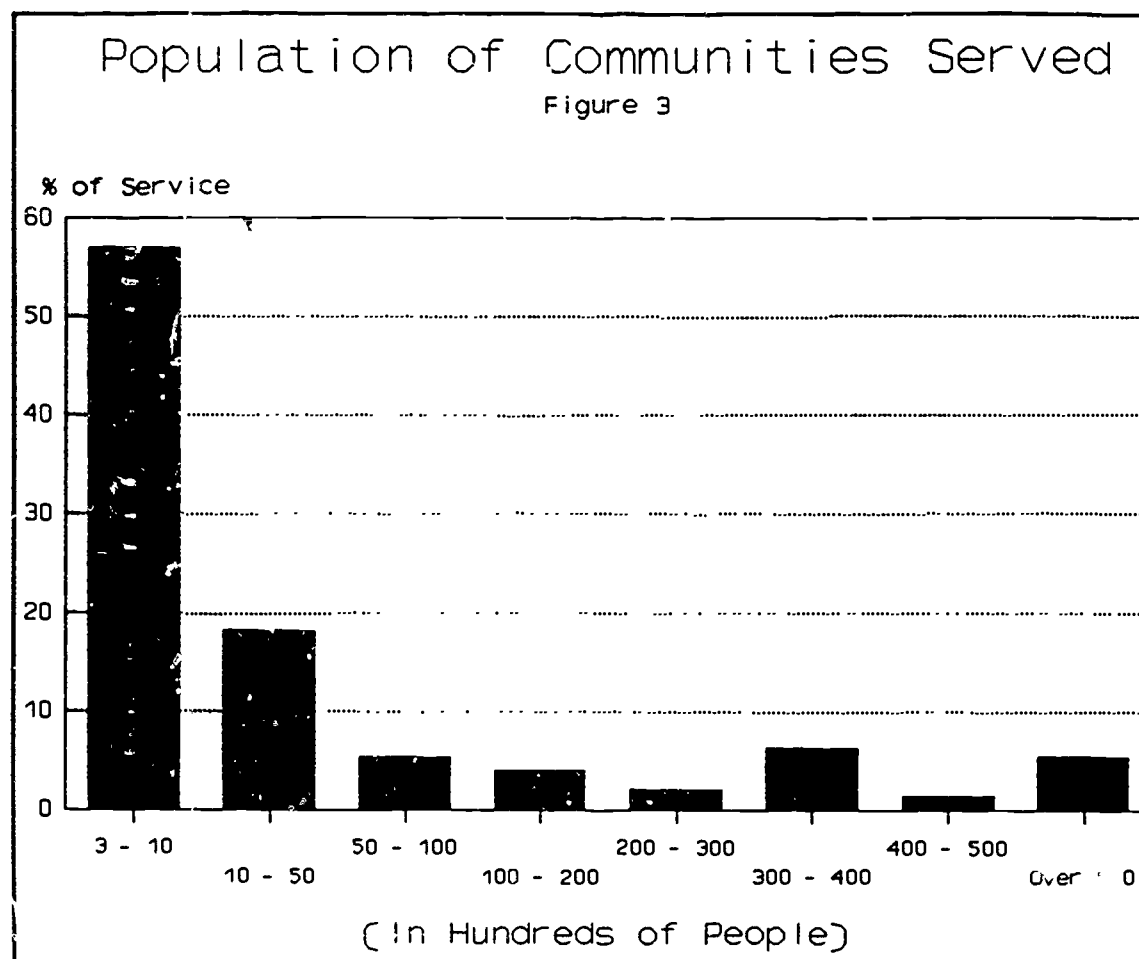
Circulation figures for both bookmobiles and the overall system were reported by ninety-seven percent of the library systems. The average system circulation for 1988 was 763,463 and the average bookmobile circulation approximately six percent of that figure at 44,157. The average fixed service location (FSL) circulation (computed by subtracting the total bookmobile circulation from the total circulation and dividing by the number of FSLs) was 123,572. Thus it would appear that the average bookmobile circulates something less than a third of the materials circulated by the average FSL. If we assume a ten year vehicle life, an initial cost of \$45,000 and \$2,000 per year for maintenance then the mobile facility costs \$6,500 per year or about fourteen cents per circulation. No reliable estimate of fuel costs is available but if one assumes \$50 per week that would add \$2,500 to the annual costs and raise the cost per circulation to twenty cents. One could compare this figure to the sum of the rental and annual maintenance and utility costs for a FSL divided by its annual circulation in order to get a performance comparison.

Ninety percent of the surveyed libraries expect to continue bookmobile service in the



90's, and fifty-three percent expect their bookmobile service to increase over the next ten years. A decrease in service is anticipated by fourteen percent, and thirty-three percent look for the status quo. Forty-eight percent are currently planning the purchase of a new bookmobile. Those who expect an increase in bookmobile service stress a perceived growth in current use. Many mention elderly users as a growth area which is providing pressure for increased service. New branch construction and perceived declining use are the reasons presented by those expecting a lower level of bookmobile service. In those cases where no net change was anticipated several possible areas of service redirection were mentioned. The most prominent of these was increased service to the elderly, but increased and more innovative service to children was also considered likely to require a shift of resources.

The bookmobile continues to be very much a means of extending library service to rural areas. Fifty-seven percent of bookmobile stops are in communities with populations below 1000 and eighteen percent in communities whose population is between 1000 and 5000. Less than six percent of the incorporated communities served are larger than 50,000. This does not imply that the mechanism is not important in highly populated areas, however. There are naturally far fewer large communities to serve. The 1989 Statistical Abstract lists 468 such communities and 106 of these, or twenty-four percent, are receiving bookmobile service from our 440 surveyed library systems.

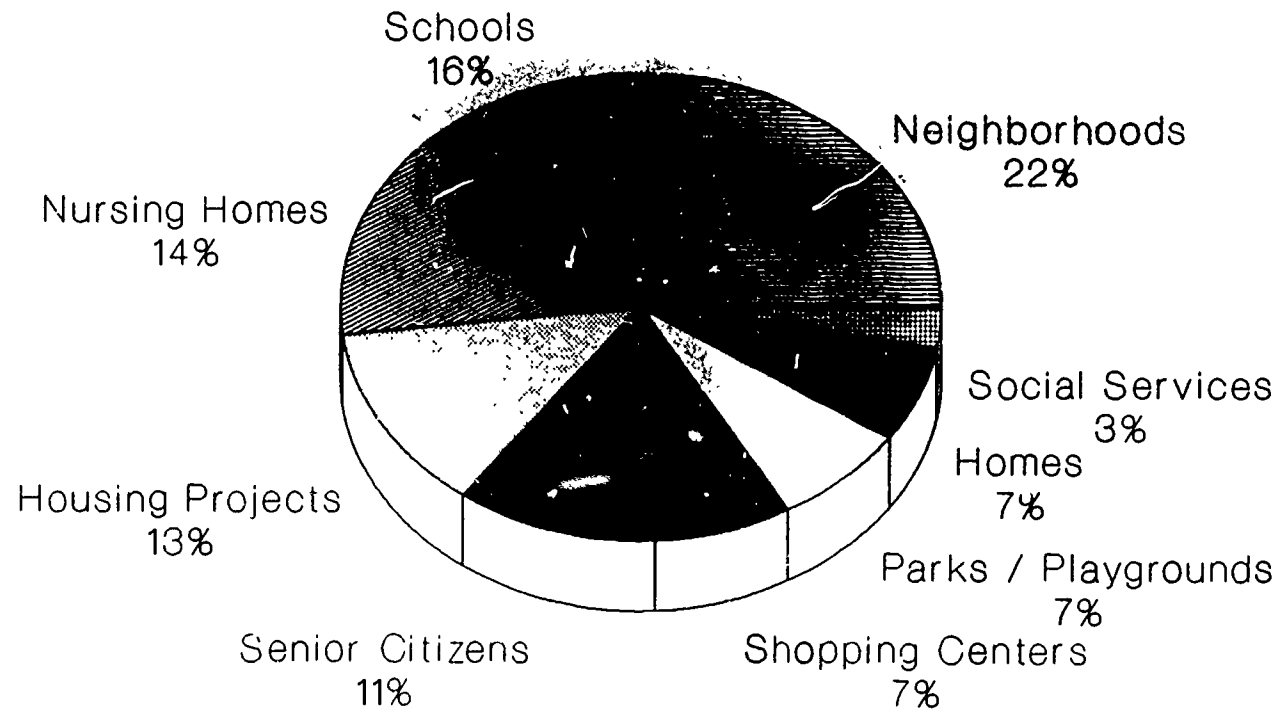


The largest number of stops, twenty-two percent, are made to serve communities and neighborhoods, and the second largest number, sixteen percent, at schools. In terms of hours per site, however, thirty-one percent of stop time occurs at schools and only twenty percent at community stops. Nursing homes account for fourteen percent of the stops and ten percent of the stop time, while housing projects involve thirteen percent of the stops and eleven percent of the stop time. Senior citizens centers garner eleven percent of the visits but only eight percent of the stop hours. The average stop appears to be just under an hour, while the average school stop approaches two hours. The average non-school visit is about three quarters of an hour.

In the open ended responses fifty systems reported stops at day care centers and twenty three at prisons and jails, which adds two meaningful categories for which survey data is not available.

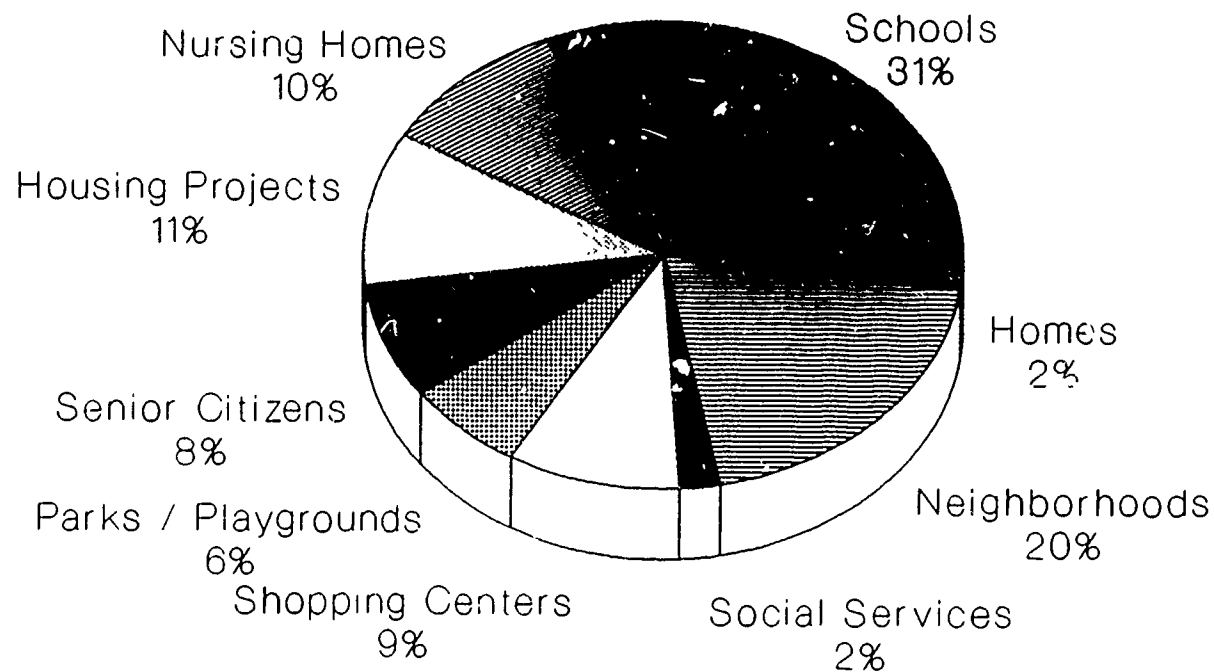
Stopping Locations

Figure 4



Stop Time

Figure 5



STAFF TRAINING

Continuing education for the staff assigned to bookmobiles continues to be a major problem. From this data, sixty-six percent of bookmobile personnel do not have a college degree, only eight percent have the MLS, and the other twenty-six percent have attained a Bachelor's degree. The open ended comments indicate that about twenty percent have some college courses. Vavrek's survey suggests that seventeen percent have attained the Master's degree. Either figure suggests a strong need for in-service training. Forty-three percent of libraries provide their bookmobile staff with in-service training in reference and thirty-seven percent in reader's advisory. However, eighty percent of these libraries offer reader's advisory service from their bookmobiles and fifty-seven percent offer reference service. Interlibrary loan is a topic of education in twenty-two percent of the sample libraries. Interlibrary loan service is offered by eighty-three percent of the bookmobiles. Instruction in driving safety is provided by twenty five percent of the libraries and in the use of the catalog in twenty-three percent. Just over six percent provide direction in booktalking, and in storytime programming twenty-two percent provide some training. Thirty-two percent of bookmobiles provide storytime programs.

Training Offered Bookmobile Staff	
Area	Percent of Libraries
Reference	43
Reader's Adv. Serv.	37
Interlibrary Loan	22
Storytime Programming	22
Driving Safety	25
Bookmobile Maintenance	20
Book Talking	6
Use of Library Catalog	23

CHARACTER OF THE COLLECTION

Over fifty percent of bookmobiles operate with an on board collection of less than 2500 items. The totally separate bookmobile collection is uncommon. Thirty percent of the libraries draw exclusively from their main collection, and fifty-five percent maintain a bookmobile collection but regularly draw from the main collection as well. The average on board collection is thirty-nine percent children's books and forty-five percent adult materials, with eight percent devoted to young adult materials. Children are reported to constitute forty-five percent of use, young adults seven percent, and adults forty-nine

percent. Large print books make up over five percent of the collection, and media, magazines and reference works make up the rest. Seventy-five percent of bookmobiles carry dictionaries and sixty-eight percent almanacs. Over fifty percent have encyclopedia and an atlas on board. Handbooks of some kind are to be found on thirty-six percent, and directories on twenty-eight percent. Reference service is offered on fifty-seven percent of the bookmobiles. Generally on board materials seem to reflect use patterns.

Magazines are not a large part of the traveling collections. Forty-four percent of the bookmobiles carry five or fewer magazines. Only twenty percent carry more than twenty magazines. Thirty-eight percent carry audio cassettes, however, and twenty-four percent carry phonograph records. The video cassette is found in nearly twelve percent of the traveling collections.

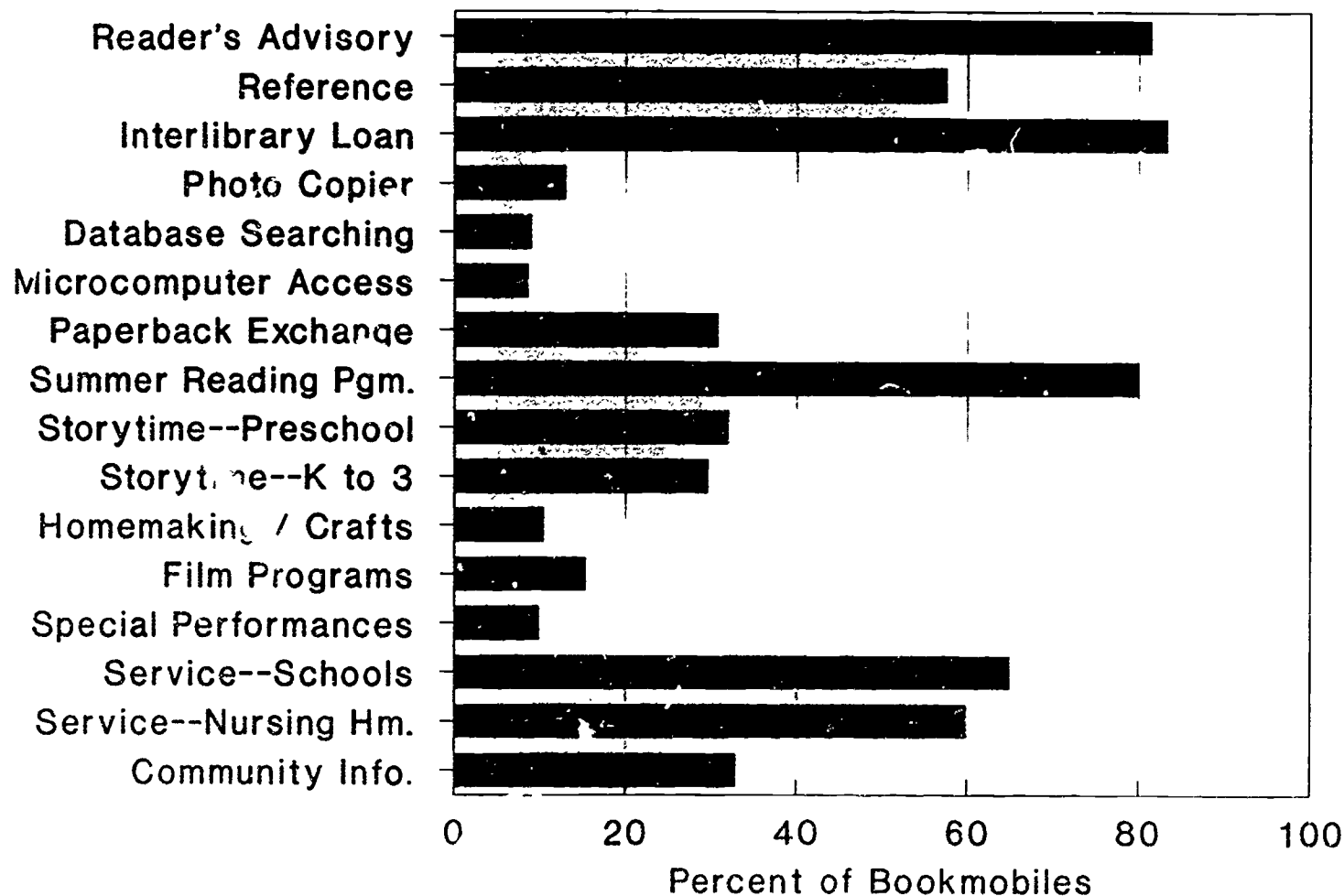
Average Bookmobile Collection		
Table 2		
Material	Percent of Collection	
Dictionaries	33	70
Almanacs	3	33
Encyclopedia	45	23
Reference	0	43
Large Print	5	57
Magazines	0	35
Media	0	33

SERVICES OFFERED

It is common for libraries offering bookmobile service to offer other outreach services as well. Shut-in service is provided by fifty-nine percent of the surveyed libraries, deposit collections are maintained by forty-three percent and a books-by-mail service is maintained by over twenty-five percent. The most frequent service provided from the bookmobile is interlibrary loan. Eighty-two percent of the libraries report that this service is offered on their bookmobiles. While no information is available on the level of use of the service, there is certainly an indication that a bookmobile can serve as an access point to the broad world of materials beyond its limited collection. Reader's advisory is offered by eighty percent of the libraries from their bookmobiles, and children's summer reading programs are promoted by seventy-eight percent. The next most common service is reference, which is offered on board by fifty-seven percent of the libraries. Over thirty one

Bookmobile Services Offered

Figure 6



percent of the libraries provide community information and referral service on their bookmobiles and the same percentage provide a paperback exchange service. Nearly thirty percent provide storytimes for children in the third grade or younger. Film programs and photocopier service are available from the bookmobiles of thirteen percent of reporting libraries. Eight percent offer electronic database searching and seven percent access to a microcomputer. Homemaking and craft programs are presented in eight percent of the cases. Only a small percentage are offering services which require resources beyond the collection and staff expertise, but the availability of special equipment is hardly unusual.

ONBOARD TECHNOLOGY

Nearly half the bookmobiles on the road have a radio installed, and thirty percent have a Gaylord charge machine for circulation records. More strikingly, seventeen percent have an automated circulation system or public catalog on board. While fax machines are rare at less than one percent, sixteen percent have citizen's band radios, and data packet radios are present in five percent, as are cellular telephones. If we assume no overlap with these three communication channels, then a quarter of the bookmobiles currently on the road have a two-way communication channel available, and are far from isolated from the resources of the main library at their remote stops.

Radios are not the only devices installed for staff well-being. A microwave oven warms the hearts of the staff of two percent of the bookmobiles, and refrigerators help another one percent keep their cool. Photocopiers ride one and one third percent of the units, and microcomputers six percent. Film projectors are available on less than three percent of the vehicles, but fifteen percent claim to offer film programs. While the nature of this discrepancy is unclear, it may be that on site equipment is utilized.

In the open ended responses 39 libraries reported planning to add automation facilities, and 25 planning to add audio-visual equipment.

PUBLICITY

No bookmobile stop will be successful if the potential patrons at the location are unaware of the presence of the service. A wide variety of media are utilized to make bookmobile schedules public. Ninety-one percent of the systems utilize printed schedules, and eighty-five percent report that their newspaper regularly prints these. Forty-seven percent manage to have their schedules regularly announced on local radio stations. Notices in church bulletins are employed by seventeen percent. Just over half the libraries post signs at regular stops. Visibility is also increased by more than a third of the libraries by having the bookmobile make appearances in local parades and county fairs.

In the open ended comments "word of mouth" was the most commonly mentioned publicity technique, although mailings, television spots, and newsletters all received some attention.

PROJECTIONS

What potential does bookmobile service have for the 1990's? This will depend in large measure upon the environment that the nineties provide. During the next decade vast technological innovations and dramatic changes in cultural and social patterns may well occur. Certainly demographic changes will continue and will impact library outreach programs.

In the past most bookmobiles have served geographically scattered populations and

rural communities of less than 1,000 people. Eighty percent of the surveyed libraries offer service to unincorporated areas. According to the U.S. Bureau of the Census Reports, rural areas have been declining in percentage of population growth for the last forty years. There is no reason to doubt that this trend will continue and thus it is unlikely that many of these areas will grow to a size that makes the construction of branch facilities economical. Public library construction in the United States has averaged as much as eighty buildings per year throughout the eighties. The bookmobile, with its 100 new units per year, will continue to offer the most viable and effective means for servicing these populations. Indeed fifty-two percent of surveyed library systems believe that their bookmobile service will increase over the next five years and over ninety percent anticipate continuing service.

Women and children have always been the predominate users of bookmobile service. The surveyed libraries report that on average their users are sixty-three percent female and fifty-one percent below the age of eighteen. Daytime home, neighborhood, community, and school stops have been convenient for this clientele. By 1995, over eighty percent of women aged twenty-five to forty-four will be employed and over sixty percent of all women will be in the labor force. Most preschool children will attend nurseries and preschools. "The reality of the 1990's is that most children will be reared in households where the parents work outside the home. In 1985, approximately 30.6 million children under 18 years of age lived either in households with a single parent who worked outside the home or in two-parent households in which the mother was employed outside the home." Bookmobile service will need to adjust to this change of life style, and evening stops in communities and neighborhoods may well be the result.

There is a real explosion in the sales of children's and juvenile books, and there is every reason to believe that it will continue to the year 2000 when the "baby bust" generation will reach parental age. This has been reflected in the public library market but it is anticipated that public library budgets are likely to be reduced. The movable collection offers some possibility of reducing duplication of materials and at the same time expanding availability.

Twenty-five percent of bookmobile stops are made at nursing homes and senior citizen centers. Between 1963 and 1985 the number of nursing home residents increased by two hundred and ninety-six percent (from 445,600 to 1,381,300). By the year 2000 there will be a substantial increase in the number of elderly, and correspondingly, one might expect an increase in nursing home residents and users of senior citizen centers. The current eighteen percent of stop time at these facilities may well increase even if the percentage of number of stops does not.

Certainly the demographics indicate the real possibility of a requirement for increased service facilities for the elderly, day care centers, nurseries, and preschools, and the possibility of instituting stops at business and manufacturing complexes. The need for audio taped books, music, and old radio programs may well increase, and large print books may increase from their current six percent of the average mobile collection. Visual and auditory aids may well have a expanding place. The possibility of growing service to nurseries and preschools provides an opportunity for both emphasizing and filling the important need of young children to be read to on a regular basis. It seems likely that such centers would welcome the free provision of such services. It also seems likely that the provision of evening and weekend hours at safe, visible, and convenient neighborhood locations will become essential to serve working adults and families with limited time.

These projections are not strongly supported by the reported current long-range plans

of the library systems. While forty-five percent anticipate changes in types and numbers of stops, only ten percent are thinking about adding evening hours, and six percent weekend hours.

CONCLUSIONS

Some summarizing statements may be made from these results. Automation and two-way communication equipment have appeared on a significant number of bookmobiles. The bookmobile that does not promote a summer reading program nor offer interlibrary loan and reader's advisory service is the exception today. There appears to be a striking need for more continuing education opportunities for bookmobile staff. Audio and video cassettes and phonograph records are often part of a traveling collection. The video medium is becoming more important. In 1988 there were fifty million households with a VCR, and each rented between fifty and seventy-five tapes in that year. The growth of video collections and their circulation in public libraries has been very rapid. One must assume that the mobile video collection size will grow.

If one is faced with a need for multiple service locations where branch rent, maintenance, and utilities exceed twenty cents per projected circulation, then a bookmobile is likely to be an economic solution. The bookmobile is a significant service mechanism in both large and small communities. Half the bookmobiles in service cost under \$30,000 and seventy-five percent have an annual maintenance cost of below \$2000. Between one and three thousand bookmobiles are on the road in the United States.

In order to continue outreach service in the nineties it would appear that the location and hours of bookmobile stops will change. Collections will include more video and audio material and will emphasize material for children and the elderly. Staff training will increase with particular stress on serving the young and the elderly. It is difficult to predict whether or not the use of the bookmobile will grow in the last decade of the twentieth century, but it appears likely that it will not decrease, and that it has the potential for reaching just those groups which will be growth areas for the next ten years.

The authors wish to express our appreciation to Allison Hahn, John P. McLain, and Mary Stowe who worked long and hard in the collection, analysis and organization of the data for this effort.

REFERENCES

1. Eleanor Francis Brown, Bookmobiles and Bookmobile Service, (Metuchen, New Jersey: The Scarecrow Press, 1967) 14.
2. Brown 32.
3. Office of the State Library, Public Libraries in Louisiana: Statistical Report, 1985 (Baton Rouge, LA: State Library, 1986) 7.
4. for example: Judith I. Boyce, "On the Road Again: The Character of Bookmobile Service in Louisiana," LLA Bulletin Fall 1985: 61.
5. for example: Alex Boyd and James Benson. "By Mail or by Mobile Unit?-Developing Programs for Extending Library Services," Public Libraries Fall 1981: 67-69.
6. Bernard Vavrek, "The Rural Bookmobile: Going Strong After Eighty Years," A National Bookmobile Survey Conducted in 1985, (available from the author)
7. Judith I. Boyce and Bert R. Boyce, "Bookmobiles and Adult Services," Adult Services: An Enduring Focus for Public Libraries, edited by Kathleen M. Heim and Danny P. Wallace, (Chicago: ALA, 1990, in press).
8. Connie Van Fleet, "ASE: Adult Services in the Eighties", RQ (Spring 1987):302
9. "Maine Halts Bookmobiles, Substitutes Books-by-mail." American Libraries. Vol.12 (Sept. 1981) page 458.
10. Judith I. Boyce and Bert R. Boyce. "Buying a Bookmobile: Some Commonsense Guidelines", Wilson Library Bulletin February 1988:51.
11. U.S. Bureau of the Census, Statistical Abstract of the United States 1989 (Washington D.C., U.S. Government Printing Office, 1989) 160.

12. Bette-Lee Fox, et al., "Library Buildings 1988," Library Journal December 1988: 373.
13. Boyce, "Bookmobiles and Adult Services" 51.
14. Eleanor Francis Brown, Bookmobiles and Bookmobile Service, (Metuchen, New Jersey: The Scarecrow Press, 1967) p32.
15. Podolsky, Arthur. FSCS An NCES Working Paper: Public Libraries in Forty-four States and the District of Columbia: 1988, Washington DC: National Center for Educational Statistics, November, 1989. 88 pages.